

**AZEOTROPIC
DATA**

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6

AZEOTROPIC DATA

Tables of azeotropes and nonazeotropes compiled by L. H. Horsley and coworkers at the Dow Chemical Co. Included are a formula index, a bibliography, and three articles, "Vapor-Liquid Equilibrium Diagrams of Alcohol-Ketone Azeotropes as a Function of Pressure," "Graphical Method for Predicting Effect of Pressure on Azeotropic Systems," and "Graphical Method for Predicting Azeotropism and Effect of Pressure on Azeotropic Constants."



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Table of Azeotropes and Nonazeotropes

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This table of azeotropes and nonazeotropes is a revision of the two previous tables published in *Analytical Chemistry*, August 1947 and July 1949 (167, 168), together with approximately 6000 new systems, bringing the total number of systems to over 14,000.

The table is arranged in two parts: (1) table of binary systems and (2) table of ternary systems, followed by a formula index and bibliography. As in the previous tables, the individual systems are arranged according to empirical formula using the *Chemical Abstracts* system, except that inorganic compounds are listed first in alphabetical order, followed by organic systems in the order carbon, hydrogen, bromine, chlorine, fluorine, iodine, nitrogen, oxygen, sulfur.

For a given binary system the lower order compound according to formula is chosen as the A-component and under each A-component the B-components are likewise arranged according to empirical formula. For ternary systems the same arrangement is used, using the lowest order formula as A-component, the next lowest order as B-component, and the highest order formula as C-component.

To facilitate finding all systems containing a given component a formula index is included at the end of the tables listing the systems containing a given component.

The following abbreviations are used in the table:

Min. b.p.	Minimum boiling point azeotrope with no data given
V-l.	Vapor-liquid equilibrium data are given in the original reference
Vol.	Azeotropic concentration is given in volume per cent. Unless so indicated, all concentrations are weight per cent
Mm.	Pressure in mm. of mercury absolute
~	Approximate
>	Greater than
<	Less than

For systems for which more than one literature reference is available, an attempt has been made to select those data that are most reliable and

complete. The auxiliary references for which no data have been given are listed with an asterisk. Where there is appreciable discrepancy in the data of two references, both sets of data have been included.

Because Lecat has published identical data on most of his systems in two or more journals, only his most recent reference is listed here, except where there are large discrepancies in his data, in which case both sets of data have been included.

Table I. Binary Systems

No	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	A	Argon	-186			
	1	N ₂	Nitrogen, 500-1500 mm.	-195	Nonazeotrope, V-l. 164	
A =	AgCl	Silver Chloride	1550			
	2	Cl ₂ Pb	Lead chloride	954	Nonazeotrope 255	
A =	BCl ₃	Boron Chloride	11.5			
	3	B ₂ H ₆	Boron hydride	-92.5	Nonazeotrope 263	
A =	BF ₃	Boron Fluoride	-100			
	4	B ₂ H ₆	Boron hydride	-92	-106	77.2 263
	5	H ₂ O	Water, 100 mm.	....	62 262	
			100	....	60 262	
		1 mm.	....	46	65 390	
6	H ₂ N	Ammonia	-33	180	80 390	
7	CH ₂ O ₂	Formic acid, 11 mm.	....	43	42 390	
8	CH ₄ O	Methanol, 4 mm.	....	58	52 390	
9	C ₂ H ₅ N	Acetonitrile	81.6	101	62 390	
10	C ₂ H ₄ O ₂	Acetic acid, 15 mm	....	70	47 262	
			118.1	150	36 262	
		746 mm.	118	140	.... 390	
		13 mm.	....	59	36 390	
11	C ₂ H ₄ O ₂	Methyl formate	31.9	91	53 390	
12	C ₂ H ₅ ClO	2-Chloroethanol, 2 mm.	....	59	30 387	
13	C ₂ H ₅ O	Ethyl alcohol, 15 mm.	....	51	42 390	
14	C ₂ H ₅ O	Methyl ether	-21	127	60 390	
15	C ₂ H ₅ O ₂	Ethyl formate	54.1	102	48 390	
16	C ₂ H ₅ O ₂	Methyl acetate	57.1	110	48 390	
17	C ₂ H ₅ O ₂	Propionic acid, 17 mm.	....	62	31 390	
18	C ₂ H ₅ O ₂	Methyl glycolate, 3 mm.	....	60	43 390	
19	C ₂ H ₅ O	Ethyl methyl ether	10.8	127	53 390	
20	C ₂ H ₅ O	Propyl alcohol, 2 mm.	....	56	36 390	
21	C ₂ H ₅ N	Trimethylamine	3.5	230	53 390	
22	C ₄ H ₆ O ₂	Crotonic acid, 12.5 mm	....	81	28 390	
23	C ₄ H ₈ O ₂	Butyric acid, 11 mm.	....	64	28 390	
24	C ₄ H ₈ O ₂	Ethyl acetate	77.05	119	44 390	
25	C ₄ H ₁₀ O	Butyl alcohol, 3 mm.	....	64.5	31 390	
26	C ₄ H ₁₀ O	Ethyl ether	34.5	125	48 390	
27	C ₅ H ₅ N	Pyridine	115.5	300	46 390	
28	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	116	40 390	
29	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	127	40 390	
30	C ₅ H ₁₄ O	Amyl methyl ether, 10 mm.	....	55	40 390	
31	C ₅ H ₁₄ O	Isopropyl ether, 98 mm.	....	61	40 390	
A =	B ₂ H ₆	Boron Hydride	-92.5			
	31a	BrH	Hydrobromic acid	-67	Nonazeotrope 263	
32	ClH	Hydrochloric acid	205 mm.	-85	-94	64 263
				-106	-115	68 263
33	C ₂ H ₆	Ethane, 100-760 mm.	-88	Nonazeotrope 263		
A =	BrH	Hydrobromic Acid	-73			
	34	H ₂ O	Water	100	126	47.5 243
		100 mm.	....	74.12	49.80	} 32, 191*, 332*
		500 mm.	....	112.94	48.19	
		900 mm.	....	129.13	47.40	
		1200 mm.	....	137.34	47.03	
35	H ₂ S	Hydrogen sulfide	-70/480	-70/420	60.5 V-l.	378
36	SO ₂	Sulfur dioxide	-10	Nonazeotrope, V-l.		378
A =	Br ₂	Bromine	58.75			
	37	I ₂	Iodine	185.3	Nonazeotrope 243	
38	CCl ₄	Carbon tetrachloride, 735 mm.	76	57.7	89 V-l.	375

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	Br₄Sn	Tin Bromide	206.7			
39	I ₄ Sn	Tin iodide	346.0	Nonazeotrope, V-L.		314
40	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Reacts		243
41	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		243
A =	C	Graphite	2300/0.01			
42	MnS	Manganese sulfide	....	1375/0.01mm.		302
				% graphite is inversely proportional to pressure		
A =	CCl₂O	Phosgene	8.2			
43	FH	Hydrofluoric acid, 3000 mm.	....	21	77	21
44	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	Nonazeotrope		255
A =	CF₂O	Carbonyl Fluoride	....		
45	CF ₄ O	Trifluoromethyl hypofluorite	-94.2	-97.0	10	183
A =	CO₂	Carbon Dioxide	-79.1			
46	ClH	Hydrochloric acid	-82	Nonazeotrope		243
47	Cl ₂	Chlorine	-37.6	Nonazeotrope		255
48	H ₂ O	Water	100	Nonazeotrope		243
49	SO ₂	Sulfur dioxide	-10	Nonazeotrope		243
50	CS ₂	Carbon disulfide	46.2	Nonazeotrope		243
51	CH ₃ Cl	Chloromethane	-23.7	Nonazeotrope		195
52	C ₂ H ₅ Cl	Chloroethane	12.4	Nonazeotrope		239
53	C ₂ H ₆	Ethane	-93	Max. v.p. mixture		195
54	C ₂ H ₆ O	Methyl ether	-23.65	Nonazeotrope		255
A =	ClH	Hydrochloric Acid	-80			
55	H ₂ O	Water, 50 mm.	....	48.724	23.42	33
		250 mm.	....	81.205	21.883	56*
		760 mm.	100	108.584	20.222	191*
		1220 mm.	....	122.98	19.358	333*
56	SO ₂	Sulfur dioxide	-10	Nonazeotrope at -35° C.		378
57	C ₂ H ₆	Ethane, 48 atm.	....	15	56	243
			....	25.4	59	243
58	C ₂ H ₆ O	Methyl ether	-22	-2	38	124
				Azeotropic to critical point		196
			-23.65	-1.5	60	243
59	C ₆ H ₇ N	Aniline	184.35	244.8	~27.5	243
A =	ClHO₄	Perchloric Acid	110			
60	H ₂ O	Water	100	203	71.6	243
A =	Cl₂	Chlorine	-37.6			
61	H ₂ O	Water	100	Nonazeotrope		243
62	SO ₂	Sulfur dioxide	-9.7	-34.7	89	68
		7 atm.	....	18	80	68
		20 atm.	....	57.5	75.5	68
A =	Cl₂Cu	Cupric Chloride	....		
63	Cl ₂ Pb	Lead chloride	954	Min b.p.		255
64	Cl ₂ Zn	Zinc chloride	732	Min. b.p.		255
A =	Cl₂O₂S	Thionyl Chloride	70.5			
65	Cl ₃ OP	Phosphorus oxychloride	107.2	....	96.5/0° C.	255
A =	Cl₂Pb	Lead Chloride	954			
66	Cl ₂ Zn	Zinc chloride	732	Nonazeotrope		255
A =	Cl₃Sb	Antimony Chloride	....		
67	C _n H _{2n+2}	Paraffins	200-220	Min. b.p.		89, 386
68	....	Aromatics	200-220	Nonazeotrope		89, 386

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	Cl₄Si	Silicon Chloride	56.7			
69	Cl ₄ Ti	Titanium chloride	136	Nonazeotrope		255
70	CCl ₄	Carbon tetrachloride	76.75	Nonazeotrope		425
71	CHCl ₃	Chloroform	61	55.6	70	343
72	CH ₃ NO ₂	Nitromethane	101	53.8	94	340
73	C ₂ H ₅ N	Acetonitrile	82	49.0	90.6	340, 342*
74	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.4	52.7	63.5	343
75	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	Azeotropic?		343
76	C ₃ H ₅ N	Acrylonitrile	79	51.2	89	340, 342*
77	C ₃ H ₅ N	Propionitrile	97	55.6	92	340
78	C ₃ H ₉ SiCl	Chlorotrimethylsilane		Azeotrope composition independent of pressure 339, 342*		
			57.5	54.7	64.8	340
79	C ₆ H ₁₄	3-Methylpentane	63.3	Nonazeotrope		343
80	C ₆ H ₁₄	2-Methylpentane	60.4	Nonazeotrope		343
A =	Cl₄Sn	Tin Chloride	113.85			
81	Cl ₄ Ti	Titanium chloride	136	Nonazeotrope		255
82	C ₂ H ₅ ClO	Epichlorohydrin	116.45	Reacts		243
83	C ₅ H ₅ N	Pyridine	115.5	Reacts		243
84	C ₆ H ₆	Benzene	80.2	Nonazeotrope		243
85	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
86	C ₆ H ₁₂ O ₂	Ethylbutyrate	119.9	Reacts		243
87	C ₇ H ₈	Toluene	110.7	109.15	52	243
88	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.8	>15	242
89	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		225
90	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
91	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	112.5	80	242
92	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	107.5	40	228, 255
93	C ₈ H ₁₈	Octane	125.75	<113.2	>80	225, 242
A =	Cl₄Ti	Titanium Chloride	136			
94	CCl ₄	Carbon tetrachloride	76.75	Nonazeotrope		255
A =	Cu	Copper	2310			
95	Pb	Lead	1525	Azeotropic		255
96	Sn	Tin	2275	Max. b.p.		243
A =	FH	Hydrofluoric Acid	19.54			
97	H ₂ O	Water	100	111.35	35.6	121
				B.p. curve		332*
		750 mm.	100	112.0	38.26 V-l.	275
98	CCl ₂ F ₂	Dichlorodifluoromethane	....	20	8	
				(Under pressure)		21
99	CHClF ₂	Chlorodifluoromethane	....	....	1-2.2	21
100	C ₄ H ₁₀	Butane	0	Min. b.p.		122, 132
101	C ₄ H ₁₀	2-Methylpropane	-10	Min. b.p.		122, 132
102	C ₄ H ₁₀ O	Ethyl ether	34.5	74	40	66
A =	F₃Sb	Antimony Fluoride	319			
103	F ₅ Sb	Antimony pentafluoride	155	390	62	243
			155	384	80	243
A =	HI	Hydriodic Acid	-34			
104	H ₂ O	Water, 744 mm.	100	127	57	191*, 332
			....	18	60.5	332
			....	100	58.2	332
105	H ₂ S	Hydrogen sulfide	-63.5	Nonazeotrope/60° C., V-L		378
A =	HNO₃	Nitric Acid	86			
106	H ₂ O	Water, 735 mm.	100	120.5	68	332, 367*
		75 mm.	....	....	66.7	332
		1200 mm	....	....	68.7	332

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H ₂ O	Water	100			
107	HCN	Hydrocyanic acid	26	V.p. curve		243
108	H ₂ O ₂	Hydrogen peroxide	152.1	Nonazeotrope, V-l.		133
109	H ₂ S	Hydrogen sulfide	-63.5	Nonazeotrope		243
110	H ₂ N	Ammonia	-33.5	Nonazeotrope		243
111	H ₄ N ₂	Hydrazine	113.5	120	28.5	243
112	O ₂ S	Sulfur dioxide	-10	Nonazeotrope		243
113	O ₃ S	Sulfur trioxide	47	338	~19	243
			....	....	17.2	332
114	O ₁₀ P ₄	Phosphorus pentoxide, 104 mm.	....	694	8.9	391
		753 mm.	....	869	7.9	391
115	CCl ₄	Carbon tetrachloride	76.75	66	4.1	93, 279*
116	CS ₂	Carbon disulfide	46.25	42.6	2.8	90, 268*
117	CHCl ₃	Chloroform	61.2	56.12	2.8	323, 409*
118	CH ₂ Cl ₂	Dichloromethane	41.5	38.1	1.5	15
119	CH ₂ O	Formaldehyde	-21	Nonazeotrope, V-l.		305
120	CH ₃ O ₂	Formic acid	100.75	107.2	22.6	323
			....	....	22.5	109
		45 lb./sq. inch abs.	....	139	15	109
		175 mm.	....	63	35	109
		15 mm.	....	....	40	109
121	CH ₃ NO ₂	Nitromethane	101.0-101.7	83.6	23.6	120*, 353
					V-l.	
122	CH ₃ NO ₂	Methyl nitrate	64.8	<61.5	<16	240
123	CH ₄ O	Methanol, 0-150 lb./sq. inch gage		Nonazeotrope		290
				V-l. data		191*, 290, 433*
124	CH ₅ N	Methylamine	-6	Nonazeotrope		255
125	C ₂ HCl ₃	Trichloroethylene	86.2-86.6	73.6	5.4	138*, 323
126	C ₂ HCl ₂ O	Chloral	97.75	95	7	328
127	C ₂ HCl ₄	Pentachloroethane	162.0	95.9	....	255
128	C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloroethylene	60.2	55.3	3.35	71
129	C ₂ H ₂ Cl ₂	<i>trans</i> -1,2-Dichloroethylene	48.35	45.3	1.9	71
130	C ₂ H ₃ N	Acetonitrile	81.5	76.0	14.2	80*, 289, 258*, 309*, 394*
		300 mm.	54.4	51.1	10.5	
		150 mm.	36.7	34.1	7.2	
					V-l.	
131	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	84	72	19.5	13, 148*
132	C ₂ H ₄ Cl ₂ O	Bis(chloromethyl) ether	106	Min. b.p.		286
133	C ₂ H ₄ O	Acetaldehyde	20.2	Nonazeotrope, V-l.		77
134	C ₂ H ₄ O	Ethylene oxide	10	Nonazeotrope, V-l.		77
135	C ₂ H ₄ O ₂	Acetic acid	118	Nonazeotrope, V-l.		191*, 370
136	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		150
137	C ₂ H ₅ Br	Bromoethane	38.4	37	1.3 vol.	332
138	C ₂ H ₅ ClO	2-Chloroethanol, 748 mm.	128.7	97.75	58	16, 185, 36*
		50 mm.	....	35-36	60	16, 36*, 185
139	C ₂ H ₅ I	Iodoethane	70	66	3-4 vol.	303
140	C ₂ H ₅ IO	1-Iodo-2-ethanol	176	98.7	77	93
141	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		209
142	C ₂ H ₅ NO ₂	Ethyl nitrate	87.68	74.35	22	218
143	C ₂ H ₅ O	Ethyl alcohol	78.3	78.174	4.0	14*, 64*, 138*, 232, 323*, 433
						189, 410
			Effect of pressure			
144	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		90, 209
145	C ₂ H ₆ SO ₄	Methyl sulfate	189.1	98.6	73	255
146	C ₂ H ₇ N	Dimethylamine	7.3	Nonazeotrope		255
147	C ₂ H ₇ N	Ethylamine	16.55	Nonazeotrope		255
148	C ₂ H ₈ N ₂	Ethylenediamine	116	118	20-25	80
149	C ₃ H ₃ N	Acrylonitrile	....	70	13	394
			77.3	71	12	93
150	C ₃ H ₄ O	2-Propyn-1-ol	....	V-l.		364
151	C ₃ H ₅ ClO	1-Chloro-2-propanone	121	Min. b.p.		286
152	C ₃ H ₅ ClO	α -Chloropropionaldehyde	86	80.5-81	....	284

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
153	C ₂ H ₅ ClO	Epichlorohydrin	117	88	25	112
154	C ₂ H ₅ ClO ₂	Methyl chloroacetate	131.4	92.7	36.15	58
155	C ₃ H ₅ I	3-Iodopropene	102.0	80.7	10?	243
156	C ₃ H ₅ N	Propionitrile	97	81.5-83	24	394
157	C ₂ H ₅ Cl ₂	1,2-Dichloropropane	97	78	12	137
158	C ₃ H ₆ O	Acetone, 0-35 lb./sq. inch gage	....	Nonazeotrope		} 155*, 290, 323*, 351
		85 lb./sq. inch gage	125.1	124.1	3	
		0-185 lb./sq. inch gage		V-l.		
159	C ₃ H ₈ O	Allyl alcohol	96.90	88.89	27.7	149*, 357, 412*, 422*
				V-l.		
160	C ₃ H ₆ O	Propylene oxide	34.1	33.8	1.0	255
			35	Nonazeotrope		93
161	C ₂ H ₄ O ₂	1,3-Dioxolane	75	70-73	6.7	142
162	C ₂ H ₄ O ₂	Ethyl formate	54.1	Nonazeotrope		150
163	C ₂ H ₄ O ₂	Methoxyacetaldehyde, 770 mm.	92.3	88.8	20	94
164	C ₂ H ₄ O ₂	Methyl acetate	57	56.4	3.2-3.7	127
			57	Nonazeotrope		150
			57	56.5	V-l.	271
165	C ₃ H ₆ O ₂	Propionic acid	141.4	99.1	82.2	191*, 285
				V-l.		243*
166	C ₂ H ₄ O ₂	Methyl carbonate	90.25	77.5	11	255
167	C ₂ H ₆ O ₃	Trioxane	114.5	91.4	30	411
168	C ₂ H ₇ Cl	1-Chloropropane	46.4	43.4	1.0	93
169	C ₂ H ₇ Cl	2-Chloropropane	36.5	33.6	1.2	93
170	C ₂ H ₇ ClO	1-Chloro-2-propanol	127	....	49	63
			127.4	95.4	45.8	61
		743 mm.	...	96	50.9	185
171	C ₂ H ₇ ClO	2-Chloro-1-propanol	133.7	96	50.9	255
172	C ₃ H ₇ N	Allylamine	52.9	Nonazeotrope		360
173	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		215
174	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		255
175	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		255
176	C ₃ H ₇ NO	Propyl nitrate	110.5	84.8	25	218, 240
177	C ₃ H ₈ O	Isopropyl alcohol	82-82.3	80.3	12.6	75*, 205*, 334*, 353, 433*
				V-l.		
178	C ₃ H ₈ O	Propyl alcohol, 740 mm.	97.3	87	28.3	} 191*, 259, 307*, 433*
		1790 mm.	....	110	27.8	
		2830 mm.	....	124	27.5	
		3860 mm.	....	135	27.2	
		5930 mm.	....	151	26.7	
			97.3	87.76	29.1, V-l.	120
179	C ₂ H ₆ O ₂	2-Methoxyethanol	124.5	99.9	77.8	62, 236
180	C ₂ H ₆ O ₂	Methylal	42.3	42.05	1.4	131
			42.25	Nonazeotrope		243
181	C ₂ H ₆ O ₂	1,2-Propanediol	187.8	Nonazeotrope		255
182	C ₂ H ₇ N	Trimethylamine	3.5	Nonazeotrope		255
183	C ₂ H ₁₀ N ₂	1,2-Propanediamine	119.7	Nonazeotrope		61
184	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		255
185	C ₄ H ₄ N ₂	Pyrazine	114-115	95.5	40	299
186	C ₄ H ₈ O	1-Butyn-3-one	85	74	35	371
187	C ₄ H ₄ S	Thiophene	84	Min. b.p.		418
188	C ₄ H ₅ N	<i>cis</i> - and <i>trans</i> -crotononitrile	107.5-120.5	85	....	67
189	C ₄ H ₅ N	Pyrrrol	129.8	93-93.5	....	17
190	C ₄ H ₈ O	3-Butyn-1-ol	128.9	Min. b.p.		113
191	C ₄ H ₈ O ₂	Biacetyl	87-88	78.5	....	57
192	C ₄ H ₈ O ₂	Methyl acrylate	80	71	7.2	320
193	C ₄ H ₇ Cl	1-Chloro-2-methyl-1-propene	68.1	61.9	7.5	51
194	C ₄ H ₇ ClO	α -3-Chloro-2-buten-1-ol	164	98.1	....	154
195	C ₄ H ₇ ClO	β -3-Chloro-2-buten-1-ol	166	98.8	....	154
196	C ₄ H ₇ ClO ₂	4-Chloromethyl 1,3-dioxolane, 40 mm.	67	99	....	355
197	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	95.2	45.12	58
198	C ₄ H ₇ N	Butyronitrile	118	87.5	31	394
199	C ₄ H ₇ N	Isobutyronitrile	103	82.5	23	394

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
200	C ₄ H ₉ Cl ₂ O	1,3-Dichloro-2-methyl-2-propanol	174	98.3	64.8	51
201	C ₄ H ₈ O	2-Butanone	79.6	73.41	11.3	232*, 271*, 358, 359*
		768-1243 mm.	Effect of pressure			152
202	C ₄ H ₈ O	1-Buten-3-ol	96-97	Azeotropic		255
203	C ₄ H ₈ O	Butyraldehyde	74	68	6	204
204	C ₄ H ₈ O	Crotonyl alcohol	119-120	....	60	255
205	C ₄ H ₈ O ₂	Butyric acid	162.45	99.4	81.5	191*, 225, 285, 306*
			....	....	80	
					V-l.	
206	C ₄ H ₈ O ₂	Dioxane	101.32	87.82	18	61*, 90*, 368
					V-l.	368
207	C ₄ H ₈ O ₂	1,3-Dioxane	104-105	86.5	....	355
208	C ₄ H ₈ O ₂	Ethyl acetate, 25 mm.	2.51	-1.90	3.60	139*, 273, 359*, 427*
		250 mm.	46.87	42.55	6.28	
		760 mm.	77.15	70.38	8.47	
		1441 mm.	97.80	89.08	9.94	
209	C ₄ H ₈ O ₂	Isobutyric acid	154.35	99.3	79	243
210	C ₄ H ₈ O ₂	Isopropyl formate	68.8	65.0	3	255
211	C ₄ H ₈ O ₂	Methyl propionate	79.85	71.4	3.9	211
212	C ₄ H ₈ O ₂	Propyl formate	80.9	71.6	2.3	150, 211*, 324*
213	C ₄ H ₈ O ₂	Methyl lactate	144.8	99	80	348
214	C ₄ H ₉ Cl	1-Chlorobutane	77.9	68.1	6.6	93
215	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.8	61.6	3.3	93
216	C ₄ H ₉ ClO	1-Chloro-2-methyl-2-propanol	126.7	93-94	34	51
217	C ₄ H ₉ I	1-Iodo-2-methylpropane	122.5	95-96	21 vol.	303
218	C ₄ H ₉ N	Methallylamine	78.7	78.4	4.1	360
219	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	70.0	~7	255
220	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	63.2	8	255
221	C ₄ H ₉ NO ₂	Isobutyl nitrate	122.9	88.5	28	239
222	C ₄ H ₁₀ O	Butyl alcohol	117.4	92.7	42.5	52*, 61*, 215*, 304*, 359*, 367*, 387
					V-l.	
223	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4	87.5	27.3	75, 359*
			....	87.5	26, V-l.	52
224	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5	79.9	11.76	359*, 433
225	C ₄ H ₁₀ O	Ethyl ether	34.5	34.15	1.26	359
		11 atm	....	114	4.5	312
226	C ₄ H ₁₀ O	Isobutyl alcohol	107.0	89.8	33.0	191*, 313, 382, 433*
					V-l.	
		100-130° C.	Effect of pressure			55
227	C ₄ H ₁₀ O	Methyl propyl ether	38.9	~38.7	~2	243
228	C ₄ H ₁₀ O ₂	<i>l</i> -2,3-Butanediol, 14-75 lb./sq. inch gage	....	Nonazeotrope, V-l.		398
229	C ₄ H ₁₀ O ₂	<i>meso</i> -2,4-Butanediol, 200-760 mm.	183-184	Nonazeotrope, V-l.		293
230	C ₄ H ₁₀ O ₂	1,1-Dimethoxyethane	64.3	61.3	3.6	20
231	C ₄ H ₁₀ O ₂	1,2-Dimethoxyethane	83	76	10.5	62*, 174
232	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.1	99.4	71.2	62, 206* 14, 92*
			....	....	70.0	
					V-l.	
233	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.91	61.25	4.4	429
234	C ₄ H ₁₀ O ₂	1-Methoxy-2-propanol	118	96	~48.5	93
235	C ₄ H ₁₀ O ₂	1-Methoxy-2-propanol	118	97.5	35	317
236	C ₄ H ₁₀ O ₂	2-Methoxy-1-propanol	130	98	67	317
237	C ₄ H ₁₀ O ₂	Diethylene glycol	245.5	Nonazeotrope		236
238	C ₄ H ₁₁ NO	3-Methoxypropylamine	116	....	~95	4
239	C ₅ H ₈ O ₂	2-Furaldehyde	161.45	97.85	65	236
		100-200° F.	....	V-l.		300
240	C ₅ H ₇ N	Pyridine	115	94	57	19, 233*
241	C ₅ H ₈ O	2-Methyl-3-butyn-2-ol	104.4	91.0	29	78
					V-l.	
242	C ₅ H ₈ O	2-Methylfuran	63.7	58.2	....	310
243	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35	98.5	80	225

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
244	C ₅ H ₇ NO	Furfurylamine	144	99	74	381
245	C ₅ H ₈ O	3-Methyl-3-buten-2-one, 735 mm. 100 mm.	98.5 45-46	82	....	39 39
246	C ₅ H ₈ O	2-Methyl-3-butyne-2-ol, 100 mm.	....	Min. b.p.		366
247	C ₅ H ₈ O ₂	Allyl acetate	105	Azeotropic		286
248	C ₅ H ₈ O ₂	Ethyl acrylate	100	98.3	....	324
249	C ₅ H ₈ O ₂	Methyl methacrylate, 200 mm.	.... 99.5	49	11.6	426 426
250	C ₅ H ₈ O ₂	2,3-Pentanedione	109	86	....	57
251	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.3	97.1	57.5	58
252	C ₅ H ₁₀ O	Cyclopentanol	140.85	96.25	58	255
253	C ₅ H ₁₀ O	Isovaleraldehyde	92.5	77	12	93
254	C ₅ H ₁₀ O	2-Methyltetrahydrofuran	77	Min. b.p.		147
255	C ₅ H ₁₀ O	3-Methyl-2-butanone	94	~79	~13	243
256	C ₅ H ₁₀ O	2-Pentanone	102.3	83.3	19.5	232*, 359
257	C ₅ H ₁₀ O	3-Pentanone	102.05	82.9	14	232
258	C ₅ H ₁₀ O	Tetrahydropyran	....	Min. b.p.		40
259	C ₅ H ₁₀ O ₂	Butyl formate	106.6	83.8	16.5	150, 218
260	C ₅ H ₁₀ O ₂	4,5-Dimethyl-1,3-dioxolane	....	Min. b.p.		355
261	C ₅ H ₁₀ O ₂	3-Ethoxy-1,2-epoxypropane	124-126	90-91	....	112
262	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	81.2	10	211, 324*
263	C ₅ H ₁₀ O ₂	3-Hydroxy-3-methyl-2-butanone	141.0	98.6	61.0	78
					V-l. }	
264	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	79.5	18.9	150*, 428
265	C ₅ H ₁₀ O ₂	Isopropyl acetate	88.6	76.6	10.6	211*, 359
266	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	99.5	81.6	243
267	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	82.7	11.5	211
268	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	77.7	6.8	211
269	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	82.4	14	137*, 150
270	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.5	91	30	255
271	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	97.0	51.5	206
272	C ₅ H ₁₀ O ₂	Methyl β-methoxypropionate, 100 mm.	84	Azeotropic		45
273	C ₅ H ₁₁ Cl	1-Chloropentane	108.35	82	....	171, 286*
274	C ₅ H ₁₁ N	Piperidine	105.8	92.8	35	377
275	C ₅ H ₁₁ NO	Tetrahydrofurfurylamine	153	Nonazeotrope		381
276	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	<80.6	<15	255
277	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	95.0	40	240
278	C ₅ H ₁₂ O	n-Amyl alcohol	137.8	95.8	54.4	131*, 150, 225*, 271*, 304*
279	C ₅ H ₁₂ O	tert-Amyl alcohol	102.25	87.35	27.5	225
280	C ₅ H ₁₂ O	tert-Butyl methyl ether	55	52.6	4	105
281	C ₅ H ₁₂	Pentane	36.15	34.9	....	255
282	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	59.5	4	218
283	C ₅ H ₁₂ O	Isoamyl alcohol	132.05	95.15	49.60	307*, 433
284	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	91.0	33	256
285	C ₅ H ₁₂ O	2-Pentanol	119.3	91.7	36.5	225*, 359
286	C ₅ H ₁₂ O	3-Pentanol	115.4	91.7	36.0	225
287	C ₅ H ₁₂ O ₂	1,1-Diethoxymethane	87.5	75.2	10	131, 274*, 401*
288	C ₅ H ₁₂ O ₂	1,2-Dimethoxypropane	92-93	80	....	174
289	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	98.75	72	236
290	C ₅ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		236
291	C ₅ H ₁₂ O ₂	1,1,2-Trimethoxyethane	126	93	30	144
292	C ₅ H ₁₃ NO	3-Ethoxypropylamine	....	....	80	4
293	C ₆ H ₆ Cl	Chlorobenzene	131.8	90.2	28.4	308
294	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	98.6	88 vol.	279
295	C ₆ H ₆	Benzene	80.2	69.25	8.83	279*, 359*, 430
296	C ₆ H ₆ O	Phenol, 127 mm. 294 mm. 531 mm.	.... .... ....	56.3 75.0 90.0	94.5 92.8 91.71	350 350 350
			182	99.52	90.79	308, 359*
297	C ₆ H ₇ N	Aniline	.... ....	41 56.3	86.6, V-l. 84, V-l.	350 350

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
297	C ₆ H ₇ N	Aniline (<i>continued</i>)	....	75	81.8, V-l.	350
			....	90	80.5, V-l.	350
298	C ₆ H ₇ N	2-Picoline	129.5	93.5	48	17*, 18
299	C ₆ H ₇ N	3-Picoline, 700 mm.	144/760	94.1	61.4	17*, 70*, 82, 260*
300	C ₆ H ₇ N	4-Picoline, 700 mm.	145.3/760	94.6	63.5	17*, 70*, 82, 260*
301	C ₆ H ₈	1,4-Cyclohexadiene	85.6	71.3	....	255
302	C ₆ H ₈	1,3-Cyclohexadiene	80.8	68.9	9	243
303	C ₆ H ₈ N ₂	Phenylhydrazine	243	Nonazeotrope		243
304	C ₆ H ₈ O ₂	Vinyl crotonate	132.7	91.0	24.2	356
305	C ₆ H ₈ O ₄	Methyl fumarate	193.25	98.85	74.5	255
306	C ₆ H ₁₀	Cyclohexane	82.75	70.8	10	243
307	C ₆ H ₁₀	4-Methyl-1,3-pentadiene	....	67.0	7.5	347
308	C ₆ H ₁₀ O	1-Hexen-5-one	129	Min. b.p.		286
309	C ₆ H ₁₀ O	Mesityl oxide	129.5	91.8	34.8	286*, 359
310	C ₆ H ₁₀ O	Mesityl oxide	128	91.3	29 vol.	287
311	C ₆ H ₁₀ O ₂	Crotonyl acetate	129	Min. b.p.		286
312	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	98.12	75.49	58
313	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.4	97.8	64.18	58
314	C ₆ H ₁₁ N	Diallylamine	110.4	87	22-23	360
315	C ₆ H ₁₂	Cyclohexane	80.75	68.95	9	243
316	C ₆ H ₁₂ O	Cyclohexanol	160.65	~97.8	~80	243
317	C ₆ H ₁₂ O	2,2-Dimethyltetrahydrofuran	90	Min. b.p.		147
318	C ₆ H ₁₂ O	2-Hexanone	127	90.5	26 vol.	232, 286*, 287, 359*
319	C ₆ H ₁₂ O	3-Hexanone	124	Min. b.p.		286
320	C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.9	87.9	24.3	359
321	C ₆ H ₁₂ O	2-Methyl-2-pentene-4-ol	....	94.6	40.8	347
322	C ₆ H ₁₂ O	Pinacolone	106	~85	~14.5	243
323	C ₆ H ₁₂ O ₂	Amyl formate	132	91.6	28.4	150, 286*
324	C ₆ H ₁₂ O ₂	Butyl acetate	126.2	90.2	28.7	150, 286*, 359*
325	C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate	112.4	87	22.5	286*, 359
326	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.1	87.9	21.5	211
327	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	85.2	15.2	211
328	C ₆ H ₁₂ O ₂	4-Hydroxy-4-methylpentanone	166	98.8	87.3	61*, 359
329	C ₆ H ₁₂ O ₂	Isoamyl formate	124.2	90.2	21	150, 211*, 286*
330	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	87.4	16.5	150*, 211*, 286*
331	C ₆ H ₁₂ O ₂	Isopropyl propionate	110.3	85.2	19.9	255
332	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	87.2	19.2	211
333	C ₆ H ₁₂ O ₂	Propyl propionate	122.1	88.9	23	211, 286*
334	C ₆ H ₁₂ O ₂	2,2-Dimethoxy-3-butanone	145	94	....	57
335	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	97.4	45	206
336	C ₆ H ₁₂ O ₂	Paraldehyde	124	90	28.5	243, 403
337	C ₆ H ₁₂ O ₂	Trioxane	114.5	91.4	30	411
338	C ₆ H ₁₄	Hexane	68.95	61.55	....	243
339	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86	73.8	9	106
340	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	65.2	6	106
341	C ₆ H ₁₄ O	2-Ethyl-1-butanol	148.9	96.7	58.7	61
342	C ₆ H ₁₄ O	Hexyl alcohol	157.85	97.8	75	225
343	C ₆ H ₁₄ O	Isopropyl ether	69	62.2	4.5	39*, 359
344	C ₆ H ₁₄ O	Propyl ether	90.7	75.4	....	307
345	C ₆ H ₁₄ O ₂	Acetal	103.6	82.6	14.5	20, 243
346	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.2	98.8	79.2	62, 207
347	C ₆ H ₁₄ O ₂	1,2-Diethoxyethane	123	89.4	25	62, 243
348	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	85.90	18.4	429
349	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		206
350	C ₆ H ₁₄ O ₄	Triethylene glycol	288.7	Nonazeotrope		206
351	C ₆ H ₁₅ N	Diisopropylamine	83.86	74.1	9.2	360
352	C ₆ H ₁₅ N	3,3-Dimethyl-1-butylamine	112.8	92.9	....	170
353	C ₆ H ₁₅ N	Triethylamine	89.4	75	10	404
354	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162	Azeotropic		8
355	C ₆ H ₁₅ NO	3-Isopropoxypropylamine	147	....	67	4

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H ₂ O	Water (continued)	100			
356	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	163.5	95	....	49
357	C ₇ H ₈	Toluene	110.7	84.1	13.5	243, 279*, 359
358	C ₇ H ₈ O	Anisole	153.85	95.5	40.5	211
359	C ₇ H ₈ O	Benzyl alcohol	205.2	99.9	91	215
360	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	214.7	99.25	80	255
361	C ₇ H ₉ N	2,6-Lutidine, 700 mm.	144/760	93.3	51.5	17*, 70*, 82, 260*
362	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.2	98.95	77.76	58
363	C ₇ H ₁₄	Methylcyclohexane	101.15	81.0	....	255
364	C ₇ H ₁₄ O	2-Heptanone	149	95	48	287, 288
365	C ₇ H ₁₄ O	4-Heptanone	143	94	....	286*, 287
366	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	98.4	80	256
367	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	95.2	41	150, 286, 288*
368	C ₇ H ₁₄ O ₂	<i>sec</i> -Amyl acetate	133.5	92.0	33.2	359
369	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	94.8	41	255
370	C ₇ H ₁₄ O ₂	Butyl propionate	137	Min b.p.		286
371	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Heteroazeotrope		255
372	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	92.2	30.2	211
373	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	94.5	40	255
374	C ₇ H ₁₄ O ₂	Isoamyl acetate	142	93.8	36.3	150, 211, 286*
375	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.85	92.75	52.2	211
376	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	88.4	23	255
377	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	95.3	41	255
378	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	94.1	36.4	211, 286*
379	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9	92.15	30.8	211
380	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	97.8	60	255
381	C ₇ H ₁₄ O ₂	2,2-Dimethoxy-3-pentanone	162.5	95.5	....	57
382	C ₇ H ₁₆	Heptane	98.4	80.0	....	255
383	C ₇ H ₁₆ O	Amyl ethyl ether	120	Min. b.p.		286
384	C ₇ H ₁₆ O	<i>tert</i> -Amyl ethyl ether	101	81.2	13	105
385	C ₇ H ₁₆ O	Heptyl alcohol	176.15	98.7	83	225
386	C ₇ H ₁₆ O ₂	Diisopropoxymethane	....	79-80	12	401
387	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	92.2	40.3	131, 401*
388	C ₈ H ₈	Styrene	145	93	....	278
389	C ₈ H ₈ O ₂	Benzyl formate	202.3	99.2	80	218
390	C ₈ H ₈ O ₂	Methyl benzoate	199.45	99.08	79.2	211
391	C ₈ H ₈ O ₂	Phenyl acetate	195.7	98.9	75.1	211
392	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	33.5	33	26, 278*
393	C ₈ H ₁₀	<i>m</i> -Xylene	139	92	35.8	279*, 323
394	C ₈ H ₁₀ O	Phenetole	170.4	97.3	59	211
395	C ₈ H ₁₀ O ₂	Veratrole	205.5	99.0	76.5	211
396	C ₈ H ₁₁ N	<i>s</i> -Collidine	171	Min. b.p.		328
397	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	99.65	88.2	255
398	C ₈ H ₁₄	Diisobutylene	101	81	87	359
399	C ₈ H ₁₄ O	2-Methallyl ether	134.6	92.5	31.0	361
400	C ₈ H ₁₅ N	Dimethallylamine	149.0	94.1	40.3	360
401	C ₈ H ₁₆ O	Allyl isoamyl ether	120	Min. b.p.		286
402	C ₈ H ₁₆ O	2,2,5,5-Tetramethyltetrahydrofuran	115	Min. b.p.		147
403	C ₈ H ₁₆ O ₂	Butyl butyrate	165.7	97.2	53	218
404	C ₈ H ₁₆ O ₂	Ethyl caproate	166.8	97.15	54	218
405	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	96.55	48.5	211
406	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	96.3	46	211
407	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	95.5	39.4	211
408	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.8	96.2	45.2	211
409	C ₈ H ₁₆ O ₂	2,2-Diethoxy-3-butanone	163.5	95-96	....	57
410	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	99.2	76	255
411	C ₈ H ₁₈	Octane	124.75	89.4	....	255
412	C ₈ H ₁₈ O	Butyl ether	142.6	92.9	33	286*, 288, 307*
413	C ₈ H ₁₈ O	<i>sec</i> -Butyl ether	121	Min. b.p.		286
414	C ₈ H ₁₈ O	2-Ethylhexanol	183.5	99.1	80	61
415	C ₈ H ₁₈ O	Ethyl hexyl ether	143-144	92.9	29 vol.	287

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H₂O	Water (continued)	100			
416	C ₈ H ₁₈ O	Isobutyl ether	122.2	88.6	23	218, 286*
417	C ₈ H ₁₈ O	Octyl alcohol	195.15	99.4	90	225
418	C ₈ H ₁₈ O	sec-Octyl alcohol	178.7	98	73	243
419	C ₈ H ₁₈ O ₂	Acetaldehyde dipropyl acetal	147.7	94.7	36.6	20
420	C ₈ H ₁₈ O ₂	2-Ethoxyethyl ether	....	98.4	78.5	62
421	C ₈ H ₁₉ N	Dibutylamine	....	Min. b.p.		190
422	C ₈ H ₁₉ N	1,1,3,3-Tetramethylbutylamine	140	86	35	330
423	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	99.60	87.5	211
424	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.4	99.40	84.0	211, 279*
425	C ₉ H ₁₀ O ₂	Methyl α-toluate	215.3	99.6	88	255
426	C ₉ H ₁₂	Mesitylene	164.6	96.5	....	255
427	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	98.5	66	213
428	C ₉ H ₁₂ O ₂	Butyl isovalerate	177.6	98.0	63	255
429	C ₉ H ₁₂ O ₂	Ethyl enanthate	188.7	98.5	72	255
430	C ₉ H ₁₂ O ₂	Isoamyl butyrate	178.5	98.05	63.5	211
431	C ₉ H ₁₂ O ₂	Isoamyl isobutyrate	168.9	97.35	56.0	211
432	C ₉ H ₁₂ O ₂	Isobutyl isovalerate	168.7	97.4	55.8	211
433	C ₉ H ₁₂ O ₂	Methyl caprylate	192.9	98.8	74	255
434	C ₉ H ₁₂ O ₂	Isobutyl carbonate	190.3	98.6	74	255
435	C ₉ H ₂₀ O ₂	Dibutoxy methane	181.8	98.2	62	131
436	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	97.2	47.5	131, 401*
437	C ₁₀ H ₈	Naphthalene	218	98.8	84	279
438	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	99.8	96.0	218
439	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	99.9	95.5	218
440	C ₁₀ H ₁₀ O ₂	Safrol	235.9	99.72	92.3	211
441	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	99.95	97.5	255
442	C ₁₀ H ₁₂ O	Anethole	235.7	99.7	92	255
443	C ₁₀ H ₁₂ O	Estragole	215.6	99.3	82	218
444	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	99.73	91.3	211
445	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	99.70	90.9	211
446	C ₁₀ H ₁₄ N ₂	Nicotine	....	99.988	2.5	365
447	C ₁₀ H ₁₄ O ₂	m-Diethoxybenzene	235.0	99.7	91	218
448	C ₁₀ H ₁₆	Camphene	159.6	96.0	....	255
449	C ₁₀ H ₁₈ O	Cineol	176.35	99.55	57.0	211
450	C ₁₀ H ₁₈ O	Linalool	199	~99.7	....	243
451	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	99.25	82	255
452	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	98.8	74.1	211
453	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	99.45	85	255
454	C ₁₀ H ₂₀ O ₃	2,2-Dipropoxy-3-butanone	196.7	98.5	....	57
455	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	99.8	92	255
456	C ₁₀ H ₂₂	Decane	173.3	97.2	....	255
457	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	96.1	....	255
458	C ₁₀ H ₂₂ O	Amyl ether	190	98.4	....	307
459	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	97.4	54	218, 307*
460	C ₁₀ H ₂₂ O ₂	Acetaldehyde dibutyl acetal	188.8	98.7	66.3	20, 366*
461	C ₁₀ H ₂₂ O ₂	Acetaldehyde diisobutyl acetal	171.3	97.4	52.5	20
462	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272	99.93	97	255
463	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	99.85	96.2	218
464	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	99.88	94	218
465	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	99.95	98.8	255
466	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	99.82	92.6	211
467	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	98.55	68	218
468	C ₁₁ H ₂₀ O	Methyl pineoil ether	216.2	99.3	83	255
469	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	99.6	88	255
470	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	99.75	91	255
471	C ₁₁ H ₂₄ O ₂	Diamyloxymethane	221.6	99.2	93	131
472	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207	99.3	78.8	20, 401*
473	C ₁₂ H ₁₀ O	Phenyl ether	259.3	99.33	96.75	211
474	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5	99.98	98	255
475	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.3	99.9	95.6	211
476	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	99.62	87.3	211
477	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	98.9	75	255
478	C ₁₂ H ₂₄ O ₃	2,2-Dibutoxy-3-butanone	228-230	97-8	....	57
479	C ₁₂ H ₂₄ O ₃	2,2-Diisobutoxy-3-butanone	214-215	98	....	57
480	C ₁₂ H ₂₆ O ₂	Acetaldehyde diamyl acetal	225.3	99.8	85.5	20
481	C ₁₂ H ₂₆ O ₂	Acetaldehyde diisoamyl acetal	213.6	99.3	78.8	20

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	H₃N	Ammonia	-33.5			
482	CH ₅ N	Methylamine	6.32	Nonazeotrope		331
483	C ₂ H ₆ O	Methyl ether	-23	-37	42.5	158
		11 atm.	....	25	56	158
484	C ₂ H ₇ N	Dimethylamine	6.88	Nonazeotrope		331
485	C ₂ H ₄	Propyne	-23	-35	75	93
486	C ₃ H ₆	Cyclopropane	-31.5	-44	20	93
487	C ₃ H ₆	Propene, 1200 mm.	-34.2	-42	10-15	93
488	C ₃ H ₈	Propane	-42	-44	5-10	93
489	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		328
490	C ₃ H ₉ N	Trimethylamine	2.87	-34	73	6*, 331
		210 lb./sq. inch gage	....	....	82	331
491	C ₄ H ₆	1,3-Butadiene	-4.5	-37	55	93
492	C ₄ H ₆	1-Butyne	7	Nonazeotrope		93
493	C ₄ H ₈	1-Butene	-6	-37.5	45	93
494	C ₄ H ₈	2-Methylpropene	-6	-38.5	45	93
495	C ₄ H ₁₀	Butane	-0.5	-37.1	45	93
			....	-37.0	54	158
		375 lb./sq. inch gage	....	55.5	57	88
496	C ₄ H ₁₀	2-Methylpropane	-10	-38.4	35	93
		12 atm.	....	25	45	158
497	C ₅ H ₁₂	2-Methylbutane	27.6	-34.5	65	93
A =	NO	Nitric Oxide	-153.6			
498	NO ₂	Nitrogen peroxide	26	Nonazeotrope		255
A =	N₂	Nitrogen	-196			
499	O ₂	Oxygen	-183	Nonazeotrope		328
500	CH ₄	Methane	-164	Nonazeotrope		255
A =	N₂O	Nitrous Oxide	15			
501	C ₂ H ₆	Ethane, 45 atm.	28	12.8	80	243
				Min. b.p.	85.5	195
A =	O₂S	Sulfur Dioxide	-10			
502	CH ₄ S	Methanethiol	6.8	Nonazeotrope		255
503	C ₂ H ₄	Ethylene	-103.9	Nonazeotrope		146
504	C ₂ H ₆	Ethane	-83.3	Min. b.p.		146
505	C ₂ H ₆ O	Methyl ether, pressure in atm.	56.1/12.5	56.1/6.6	60	41
			77.1/20.3	77.1/12.1	60	41
			108.7/36.8	108.7/26.7	60	41
506	C ₃ H ₆	Propene	-48	Nonazeotrope		146*, 406
507	C ₃ H ₈	Propane, 7 kg./cm. ⁻²	....	....	22	146*, 406
			Azeotropic at all pressures			406
508	C ₄ H ₈	1-Butene	-6.7	-16	61	123, 272
		2.37 atm.	....	3	62	272
509	C ₄ H ₈	2-Methylpropene	-6.7	-14	59	272
		0.46 atm.	....	-30	57	272
		2.40 atm.	....	3	66	272
510	C ₄ H ₈	<i>trans</i> -2-Butene	1.0	-14	71	272
		0.46 atm.	....	-29	70	272
		2.05 atm.	....	3	75	272
511	C ₄ H ₈	<i>cis</i> -2-Butene	3.7	-13	72	272
		2.05 atm.	....	3	75	272
512	C ₄ H ₁₀	Butane	-0.6	-18	63.3	272
		0.46 atm.	....	-35	62	272
		2.65 atm.	....	3	66	272
513	C ₄ H ₁₀	2-Methylpropane	-12.4	-24	....	272
		3.17 atm.	....	3	57.4	272
514	C ₅ H ₁₀	2-Methyl-1-butene	32.0	Min. b.p.		123
515	C ₅ H ₁₀	3-Methyl-1-butene	21.2	Min. b.p.		123
516	C ₅ H ₁₀	2-Methyl-2-butene	37.7	Min. b.p.		123
517	C ₅ H ₁₀	1-Pentene	30.2	Min. b.p.		123
518	C ₅ H ₁₀	2-Pentene	35.8	Min. b.p.		123
519	C ₅ H ₁₂	2-Methylbutane	27.9	Min. b.p.		123
520	C ₅ H ₁₂	Pentane	36.2	Min. b.p.		123

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	Pb	Lead	1525			
521	Sn	Tin	2275	Nonazeotrope		243
A =	CClN	Cyanogen Chloride	12.5			
522	HCN	Hydrocyanic acid, 15 mm.	....	Nonazeotrope, V-l.		136
A =	CCl₂F₂	Dichlorodifluoromethane	0/44.76			
523	C ₂ H ₄ F ₂	1,1-Difluoroethane, lb./sq. inch abs.	0/38.34	0/52.72	74, V-l.	301
A =	CCl₃NO₂	Trichloronitromethane	111.9			
524	CHBrCl ₂	Bromodichloromethane	90.1	Nonazeotrope		234
525	CH ₂ Br ₂	Dibromomethane	97.0	Nonazeotrope		234
526	CH ₂ O ₂	Formic acid	100.75	91	....	223
527	CH ₃ NO ₂	Nitromethane	101.2	<100.4	<15	255
528	CH ₄ O	Methanol	64.65	Nonazeotrope		234
529	C ₂ Cl ₄	Tetrachloroethylene	121.1	Nonazeotrope		234
530	C ₂ H ₄ O ₂	Acetic acid	118.1	107.65	80.5	234
531	C ₂ H ₅ ClO	2-Chloroethanol	128.6	108.9	85	234
532	C ₂ H ₅ O	Ethyl alcohol	78.32	77.5	34	234
533	C ₂ H ₅ ClO	Epichlorohydrin	116.45	~106	....	243
534	C ₃ H ₅ I	3-Iodopropene	101.8	Nonazeotrope		234
535	C ₃ H ₅ Cl ₂	1,3-Dichloropropane	129.8	Nonazeotrope		234
536	C ₃ H ₅ O	Allyl alcohol	96.85	94.2	56	234, 357*
537	C ₃ H ₅ O ₂	Propionic acid	141.3	Nonazeotrope		234
538	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	<110.8	<96	234
539	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope		234
540	C ₃ H ₇ O	Isopropyl alcohol	82.4	81.95	35	234
541	C ₃ H ₇ O	Propyl alcohol	97.2	94.05	58.5	234
542	C ₃ H ₇ O ₂	2-Methoxyethanol	124.5	<110.5	<82	234
543	C ₄ H ₉ O ₂	Dioxane	101.35	Nonazeotrope		234
544	C ₄ H ₉ O ₂	Isobutyric acid	154.6	Nonazeotrope		234
545	C ₄ H ₈ S	Tetrahydrothiophene	118.8	Nonazeotrope		246
546	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		234
547	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	Nonazeotrope		234
548	C ₄ H ₁₀ O	<i>n</i> -Butyl alcohol	117.8	106.65	80	234
549	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	96.1	60	234
550	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	82.25	37	234
551	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	102.05	68	234
552	C ₄ H ₁₀ S	Butanethiol	97.5	Nonazeotrope		255
553	C ₅ H ₇ N	Pyridine	115.4	Nonazeotrope		233
554	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		234
555	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		255
556	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		234
557	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		234
558	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		212
559	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		234
560	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		234
561	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	98.9	65	234
562	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	111.15	93	234
563	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	<106.5	<80	234
564	C ₅ H ₁₂ O	2-Pentanol	119.8	108.0	83	234
565	C ₅ H ₁₂ O	3-Pentanol	116.0	<107.3	<82	234
566	C ₆ H ₆	Benzene	80.15	Nonazeotrope		234
567	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		234
568	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		234
569	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		234
570	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		255
571	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		212
572	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		234
573	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		234
574	C ₆ H ₁₄ O	<i>n</i> -Hexyl alcohol	157.85	Nonazeotrope		234
575	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		234
576	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
577	C ₇ H ₈	Toluene	110.75	Nonazeotrope		234
578	C ₇ H ₁₄	Methylcyclohexane	101.15	100.8	27	234
579	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		234

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CCl₃NO₂	Trichloronitromethane (continued)	111.9			
580	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	98.32	7	234
581	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	Nonazeotrope		234
582	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		234
583	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		234
584	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	111.0	80	234
585	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	<107.5	<55	234
586	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		234
A =	CCl₄	Carbon Tetrachloride	76.75			
587	CS ₂	Carbon disulfide	46.25	Nonazeotrope, V-l.		295
588	CHCl ₃	Chloroform	61.2	Nonazeotrope, b.p. curve		155
589	CH ₂ O ₂	Formic acid	100.7	66.65	81.5	243
590	CH ₃ NO ₂	Nitromethane	101.2	71.3	83	234
591	CH ₃ NO ₂	Methyl nitrate	64.8	<63.5	....	240
592	CH ₄ O	Methanol	64.7	55.7	79.44	243, 372*, 432
593	C ₂ Cl ₄	Tetrachloroethylene	120.8	Nonazeotrope, V-l.		265
594	C ₂ H ₃ Cl ₃ O ₂	Chloral hydrate	97.5	~76	....	243
595	C ₂ H ₃ N	Acetonitrile	81.6	65.1	83	207
596	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	Nonazeotrope		243
597	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57	V-l.		180
598	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	82.85	75.3	78.4, V-l.	186*, 188*, 434
599	C ₂ H ₄ O ₂	Acetic acid	118.5	76.55	97	222
600	C ₂ H ₅ Br	1-Bromoethane	38.4	Nonazeotrope		255
601	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	Nonazeotrope		236
602	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		229
			72.3	Min. b.p.		329
603	C ₂ H ₅ NO ₂	Ethyl nitrate	87.68	74.95	84.5	216
604	C ₂ H ₆ O	Ethyl alcohol	78.3	65.08	84.15	254
		200 mm.	....	32.1	90	155*, 161*, 351, 352, 405*
		380 mm.	....	47.0	85	
		760 mm.	....	64.9	80	
				Vapor pressure curves		
605	C ₃ H ₃ N	Acrylonitrile	77.3	66.2	79	93
606	C ₃ H ₅ ClO	Epichlorohydrin	116.4	Nonazeotrope		238
607	C ₃ H ₆ O	Acetone	56.15	56.08	11.5	10*, 155*, 231
608	C ₃ H ₆ O	Allyl alcohol	96.9	72.5	91.15	149, 243, 357*
609	C ₃ H ₆ O ₂	Methyl acetate	57.0	Nonazeotrope		243
610	C ₃ H ₆ O ₂	Methyl carbonate	90.25	75.75	88	207
611	C ₃ H ₆ O ₂	Methyl carbonate	90.35	Nonazeotrope		227
612	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		229
613	C ₃ H ₈ O	Isopropyl alcohol	82.45	68.95	82	252, 436*
614	C ₃ H ₈ O	Propyl alcohol	97.25	73.4	92.1, V-l.	65, 163*, 254, 436*
615	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.5	Nonazeotrope		343
616	C ₃ H ₉ BO ₂	Methyl borate	68.7	Nonazeotrope		227
617	C ₄ H ₄ S	Thiophene	84	Nonazeotrope		207
618	C ₄ H ₆ O ₂	Allyl formate	80.0	74.3	66	242
619	C ₄ H ₈ O	2-Butanone	79.6	73.8	71	10*, 232
620	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		255
621	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope		277
622	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		239
623	C ₄ H ₈ O ₂	Ethyl acetate, 789.2 mm.	....	76.15	68.7	354
		583.7 mm.	....	66.72	73.0	354
		484.5 mm.	....	61.32	75.4	354
		385.2 mm.	....	55.22	78.6	354
		285.7 mm.	....	47.36	82.2	354
		685.0 mm.	....	71.56	70.9, V-l.	354, 405*
624	C ₄ H ₈ O ₂	Isopropyl formate	68.8	68.0	12	242
625	C ₄ H ₈ O ₂	Methyl propionate	79.85	76.0	~75	253
626	C ₄ H ₈ O ₂	Propyl formate	80.8	74.6	60	252
627	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	Nonazeotrope		243

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CCl₄	Carbon Tetrachloride (continued)	76.75			
628	C ₄ H ₉ ClO	1-Chloroethyl ethyl ether	98.5	Nonazeotrope		255
629	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	75.3	70	230
630	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		230
631	C ₄ H ₁₀ O	Butyl alcohol	117.75	76.55	97.5	254
632	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	74.6	92.4	93
633	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	71.1	83	10*, 207
634	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope, V-l.		405
635	C ₄ H ₁₀ O	Isobutyl alcohol	108	75.8	94.5	243, 436*
636	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		212
637	C ₅ H ₅ N	Pyridine	115.5	Nonazeotrope		243
638	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		255
639	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
640	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		255
641	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	Nonazeotrope		227
642	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		243
643	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		230
644	C ₅ H ₁₂ O	tert-Amyl alcohol	102.25	76.57	95.5	205
645	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		207
646	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
647	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
648	C ₆ H ₆ Cl	Chlorobenzene	131.8	Nonazeotrope		243
649	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
650	C ₆ H ₆	Benzene, <280 mm. 100 mm.	80.1	Azeotropic 51.93	99	54 54
651	C ₆ H ₆	Benzene	80.12	Nonazeotrope, V-l.		60, 163*, 352, 432*
652	C ₆ H ₆	1,3-Cyclohexadiene	80.8	Azeotrope doubtful		243
653	C ₆ H ₆	1,4-Cyclohexadiene	85.6	Nonazeotrope		243
654	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		243
655	C ₆ H ₁₂	Cyclohexane, 40-70° C.	80.75	Nonazeotrope, V-l.		345
			80.75	76.5	....	242
656	C ₆ H ₁₂	Methylcyclopentane	72.0	<71.6	<32	242
657	C ₆ H ₁₄	Hexane	68.95	Azeotrope doubtful		243
658	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		228
659	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		243
660	C ₇ H ₈	Toluene	110.3	Nonazeotrope		
				B.p. curve		162
661	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		
				Vapor pressure data		369
662	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
A =	CS₂	Carbon Disulfide	46.25			
663	CHCl ₃	Chloroform	61.2	Nonazeotrope		207*, 334
664	CH ₂ Cl ₂	Dichloromethane	40	35.7	35	93
665	CH ₂ O ₂	Formic acid	100.75	42.55	83	235
666	CH ₂ I	Iodomethane	42.55	41.5	40	207
667	CH ₃ NO ₂	Nitromethane	101.2	44.25	90	235
668	CH ₃ NO ₃	Methyl nitrate	64.8	39.8	71	240
669	CH ₄ O	Methanol	64.7	37.65	86	10*, 235
670	C ₂ Cl ₆	Hexachloroethane	184.8	Nonazeotrope		328
671	C ₂ H ₅ Br	1-Bromoethylene	15.8	Nonazeotrope		246
672	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.25	44.75	72	207
673	C ₂ H ₄ Cl ₂ O	Bis(chloromethyl) ether	104	43.1	75	235
			105.5	Nonazeotrope		246
674	C ₂ H ₄ O ₂	Acetic acid	118.5	Nonazeotrope		334
675	C ₂ H ₄ O ₂	Methyl formate	31.7	24.75	33	235
676	C ₂ H ₅ Br	Bromoethane	38.4	37.85	33	243, 334*
677	C ₂ H ₅ Cl	Chloroethane	13	Nonazeotrope		211
678	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	43.1	75	235
679	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		334
680	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	16.5	~5	218
681	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		234
682	C ₂ H ₅ NO ₃	Ethyl nitrate	87.7	Nonazeotrope		207
683	C ₂ H ₆ O	Ethyl alcohol	78.3	42.6	91	27*, 235, 334
684	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		255
685	C ₃ H ₄ O	Acrolein	52.45	<42.5	<71	246

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CS₂	Carbon Disulfide (continued)	46.25			
686	C ₃ H ₅ Br	3-Bromopropene	70.5	Nonazeotrope		246
687	C ₃ H ₅ Cl	3-Chloropropene	45.15	41.2	50	246
688	C ₃ H ₆ O	Acetone	56.15	39.25	67	235, 337*
		1 kg./sq. cm.	....	....	66	334*, 397
		16.5 kg./sq. cm.	....	....	62.6	397
		32.5 kg./sq. cm.	....	....	59.4	397
		42 kg./sq. cm.	....	....	55.5	397
689	C ₃ H ₆ O	Allyl alcohol	96.95	Nonazeotrope		243
690	C ₄ H ₈ O	Allyl alcohol	96.85	45.25	93.5	207
691	C ₃ H ₆ O	Propionaldehyde	48.7	40.0	60	246
692	C ₃ H ₆ O ₂	Ethyl formate	54.15	39.35	63	235
693	C ₃ H ₆ O ₂	Methyl acetate	57	39.55	70	235, 334*
694	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		246
695	C ₃ H ₆ O ₂	Methyl carbonate	90.25	45.72	91	207
696	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		246
697	C ₃ H ₇ Br	2-Bromopropane	59.4	46.08	89.5	207
698	C ₃ H ₇ Cl	1-Chloropropane	46.65	42.05	55.5	207
699	C ₃ H ₇ Cl	2-Chloropropane	35.0	33.5	~20	228
700	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	35.5	42	207
701	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	40.15	62	207
702	C ₃ H ₈ O	Ethyl methyl ether	38.95	37.8	22	246
703	C ₃ H ₈ O	Isopropyl alcohol	62.45	44.22	92.4	235, 334*
704	C ₃ H ₈ O	Propyl alcohol	97.1	45.65	94.5	131*, 235
705	C ₃ H ₈ O ₂	Methylal	42.25	37.25	46	235
706	C ₃ H ₇ BO ₃	Methyl borate	68.7	Nonazeotrope		207
707	C ₃ H ₇ BO ₃	Methyl borate	68.7	44.0	~84	228
708	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		246
709	C ₄ H ₅ NS	Allylisothiocyanate	152.05	Nonazeotrope		255
710	C ₄ H ₆ O ₂	Biacetyl	87.5	Nonazeotrope		243
711	C ₄ H ₇ N	Pyrroline	90.9	Nonazeotrope		255
712	C ₄ H ₈ O	2-Butanone	79.6	45.85	84	232
713	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		246
714	C ₄ H ₈ O	Isobutyraldehyde	63.5	44.7	86	250
715	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		246
716	C ₄ H ₈ O ₂	Ethyl acetate	77.1	46.02	92.7	235, 334*
717	C ₄ H ₈ O ₂	Isobutyric acid	164.6	Nonazeotrope		255
718	C ₄ H ₈ O ₂	Isopropyl formate	68.8	43.0	~82	228
719	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		207
720	C ₄ H ₈ O ₂	Propyl formate	80.8	Nonazeotrope		207
721	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		246
722	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		246
723	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		246
724	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		211
725	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	43.5	62	207
726	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	Nonazeotrope		246
727	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		207
728	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	45.55	86	235
729	C ₄ H ₁₀ O	Butyl alcohol	116.9	Nonazeotrope		207
730	C ₄ H ₁₀ O	Ethyl ether	34.6	34.5	13?	235, 334*
731	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	44.9	93	235
732	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	Nonazeotrope		207
733	C ₄ H ₁₀ O	Methyl propyl ether	38.8	36.2	~18	243
734	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	<45.9	....	255
735	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		211
736	C ₅ H ₆ O	2-Methylfuran	63.8	Nonazeotrope		246
737	C ₅ H ₈	Isoprene	34.3	<34.15	<7	246
738	C ₅ H ₁₀	Cyclopentane	49.4	44.0	67	246
739	C ₅ H ₁₀	2-Methyl-2-butene	37.15	36.5	~17	243
740	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		246
741	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		255
742	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
743	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		232
744	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		232
745	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		246
746	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		246
747	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CS₂	Carbon Disulfide (continued)	46.25			
748	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Vapor pressure data		243
749	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		246
750	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		207
751	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		218
752	C ₅ H ₁₂	Pentane	36.15	35.7	11	235
753	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		248
754	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		207
755	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope		246
756	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
757	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	Nonazeotrope		255
758	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
759	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
760	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		246
761	C ₆ H ₆	Benzene	80.2	Nonazeotrope, V-l.		46, 334*
762	C ₆ H ₈	1,3-Cyclohexadiene	80.4	Nonazeotrope		255
763	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		246
764	C ₆ H ₁₀	Methylcyclopentene	75.85	Nonazeotrope		255
765	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		243
766	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		246
767	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		246
768	C ₆ H ₁₂ O	4-Methyl 2-pentanone	116.05	Nonazeotrope		232
769	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<46.15	<97	246
770	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		243
771	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		255
772	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
773	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		246
774	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		255
A =	CHBrCl₂	Bromodichloromethane	90.2			
775	CH ₃ O ₂	Formic acid	100.7	78.15	~76	243
776	CH ₃ NO ₂	Nitromethane	101.2	87.3	75	234
777	CH ₃ NO ₂	Methyl nitrate	64.8	Nonazeotrope		240
778	CH ₄ O	Methanol	64.7	63.8	60	243
779	C ₂ HCl ₃	Trichloroethylene	86.9	Nonazeotrope		229
780	C ₂ HCl ₃	Trichloroethylene	86.95	86.7	22	203
781	C ₂ HCl ₂ O	Chloral	97.75	90.1	97.5	252
782	C ₂ H ₄ O ₂	Acetic acid	118.5	Nonazeotrope		243
783	C ₂ H ₅ BrO	2-Bromoethanol	150.2	Nonazeotrope		255
784	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		244
785	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		234
786	C ₂ H ₅ NO ₂	Ethyl nitrate	90.1	86.85	35	207
787	C ₂ H ₅ O	Ethyl alcohol	78.3	75.5	72	243
788	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		253
789	C ₂ H ₆ O	Acetone	56.15	Nonazeotrope		232
790	C ₂ H ₆ O	Allyl alcohol	96.95	85.85	82.5	243*, 357
791	C ₂ H ₆ O ₃	Methyl carbonate	90.35	91.95	64.5	252
792	C ₂ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		255
793	C ₂ H ₇ I	2-Iodopropane	89.45	90.7	<50	229
794	C ₂ H ₈ O	Isopropyl alcohol	82.45	79.4	62	252
795	C ₂ H ₈ O	Propyl alcohol	97.2	86.4	80.5	243
796	C ₂ H ₅ BO ₂	Methyl borate	68.7	Nonazeotrope		227
797	C ₄ H ₈ O	2-Butanone	79.6	90.85	89.5	250
798	C ₄ H ₈ O ₂	Ethyl acetate	77.1	90.55	88	252
799	C ₄ H ₈ O ₂	Methyl propionate	79.85	91.2	~85	218
800	C ₄ H ₈ O ₂	Propyl formate	80.85	90.9	82	253
801	C ₄ H ₉ Br	2-Bromobutane	91.2	91.65	45	242
802	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	91.8	45	229
803	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		230
804	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		207
805	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	87.5	...	243
806	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	79.0	~65	212
807	C ₄ H ₁₀ O	Isobutyl alcohol	108	89.3	89	243
808	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		239
809	C ₄ H ₁₀ S	Ethyl sulfide	92.2	96.7	~58	211
810	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	97.2	50	232
811	C ₅ H ₁₀ O	2-Pentanone	102.35	102.85	35	232

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CHBrCl₂	Bromodichloromethane (continued)	90.2			
812	C ₅ H ₁₀ O	3-Pentanone	102.05	102.65	36	232
813	C ₅ H ₁₀ O ₂	Butyl formate	106.7	Nonazeotrope		227
814	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	100-6	35	218
815	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	98.7	40	253
816	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	96.0	55	227
817	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	103.5	25	218
818	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	93.8	58	253
819	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	102.3	29.5	252
820	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		230
821	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	~88.8	~92	215
822	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6	Nonazeotrope		255
823	C ₅ H ₁₂ O ₂	Diethoxymethane	87.9	94.05	74	248
824	C ₆ H ₆	Benzene	80.2	Nonazeotrope		208
825	C ₆ H ₁₀	Cyclohexene	82.75	82	..	243
826	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
827	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		255
828	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		207
829	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
830	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		255
831	C ₆ H ₁₄ O	Propyl ether	90.55	97.0	54	239
832	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		252
833	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
834	C ₇ H ₁₆	Heptane	98.4	<90.0	....	255
A =	CHBr₂	Bromoform	149.5			
835	CH ₂ O ₂	Formic acid	100.75	97.4	52	248
836	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	146.2	145.5	45	229
837	C ₂ H ₃ BrO ₂	Bromoacetic acid	205.1	Nonazeotrope		255
838	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	148.5	96.9	244
839	C ₂ H ₄ Br ₂	1,2-Dibromoethane	129.8	Nonazeotrope, b.p. curve		162, 243*
840	C ₂ H ₄ Cl ₂ O	2,2-Dichloroethanol	146.2	<143.0	<55	255
841	C ₂ H ₄ O ₂	Acetic acid	118.5	118.3	18	222
842	C ₂ H ₅ ClO	2-Chloroethanol	128.6	127.4	46	244
843	C ₂ H ₅ NO	Acetamide	221.15	Nonazeotrope		207
844	C ₂ H ₅ NO	Acetamide	221.2	149	98	215
845	C ₂ H ₆ O ₂	Glycol	197.4	146.75	~93.5	212
846	C ₂ H ₇ NO	2-Aminoethanol	170.8	Reacts		207
847	C ₃ H ₅ ClO ₂	Methyl chloroacetate	130.0	Nonazeotrope		212
848	C ₃ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	175.8	Nonazeotrope		255
849	C ₃ H ₅ O	Allyl alcohol	96.95	Nonazeotrope		212
850	C ₃ H ₅ O ₂	Propionic acid	140.9	138.0	63	207
851	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		255
852	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope		207
853	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	149.25	97.5	244
854	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		212
855	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		206
856	C ₄ H ₈ O ₄	Methyl oxalate	164.45	Nonazeotrope		255
857	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	~158.2	Nonazeotrope		218
858	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	143.52	4	207
859	C ₄ H ₇ Cl ₃ O	Ethyl 1,1,2-trichloroethyl ether	172.5	Nonazeotrope		255
860	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		207
861	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	151.3	91	255
862	C ₄ H ₈ O ₂	Butyric acid	162.45	146.8	93.2	163, 206*
863	C ₄ H ₈ O ₂	Isobutyric acid	154.35	145.5	81	221
864	C ₄ H ₈ O ₂	Methyl lactate	144.8	~152	....	243
865	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	Nonazeotrope		163
866	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		207
867	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	Nonazeotrope		212
868	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		236
869	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
870	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.5	Nonazeotrope		255
871	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	148.7	96	207
872	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		222
873	C ₅ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		255
874	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		211

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CHBr₃	Bromoform (continued)	149.5			
875	C ₈ H ₁₁ NO ₂	Isoamyl nitrate	149.75	144.8	57	240
876	C ₈ H ₁₂ O	Isoamyl alcohol	129		Nonazeotrope	163
			130.8	131.35	43	207
877	C ₈ H ₁₂ O ₂	2-Propoxyethanol	151.35	147.15	84	207
878	C ₆ H ₆ Br	Bromobenzene	156.1		Nonazeotrope	229
879	C ₆ H ₆ Cl	Chlorobenzene	131.75		Nonazeotrope	255
880	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8		Nonazeotrope	255
881	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope	234
882	C ₆ H ₆ O	Phenol	182.2		Nonazeotrope	222
883	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope	255
884	C ₆ H ₁₀ O	Cyclohexanone	155.6	158.5	~52	253
885	C ₆ H ₁₀ O	Mesityl oxide	129.45		Nonazeotrope	207
886	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5		Nonazeotrope	207
887	C ₆ H ₁₀ S	Allyl sulfide	139.35	>150.5	....	246
888	C ₆ H ₁₂ O	Cyclohexanol	160.7		Nonazeotrope	212
			160.7	149.5?	95?	225
889	C ₆ H ₁₄ O	Hexyl alcohol	157.85	147.7	86	222
890	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15		Nonazeotrope	236
891	C ₆ H ₁₄ S	Propyl sulfide	140.8	151.5	90	235
892	C ₇ H ₈	Toluene	110.65		Nonazeotrope	243
893	C ₇ H ₈ O	Anisole	153.85		Nonazeotrope	243
894	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	255
895	C ₇ H ₁₄ O	4-Heptanone	143.55	151.0	77	232
896	C ₆ H ₁₄ O	3-Methylcyclohexanol	168.5		Nonazeotrope	255
897	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	>154.0	<65	242
898	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7		Nonazeotrope	227
899	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	>152.7	....	255
900	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	150.2	82	163*, 253
901	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	150.0	....	255
902	C ₇ H ₁₆ O	Heptyl alcohol	176.15		Nonazeotrope	255
903	C ₇ H ₁₆ O ₂	Ethyl orthoformate	145.75		Nonazeotrope	239
904	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	255
905	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	218
906	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	239
907	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope	227
908	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	>161.0	>18	255
909	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	157.7	35	253
910	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	151	75	253
911	C ₈ H ₁₈ O	Butyl ether	142.2		Nonazeotrope	228
912	C ₈ H ₁₈ O	Isobutyl ether	122.3		Nonazeotrope	239
913	C ₉ H ₁₂	Propylbenzene	158.9		Nonazeotrope	218
914	C ₁₀ H ₁₆	Camphene	159.6	~148.5	~95	215
915	C ₁₀ H ₁₆	α -Pinene	155.8	146.5	75	208
916	C ₁₀ H ₁₆	Nopinene	163.8	<149.0	>91	255
917	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25		Nonazeotrope	253
A =	CHClF₂	Chlorodifluoromethane	-40			
918	C ₃ H ₈	Propane, 86 lb./sq. inch gage	....	....	68	316
A =	CHCl₃	Chloroform	61.2			
919	CH ₂ Cl ₂	Dichloromethane	41.5		Nonazeotrope	110
920	CH ₂ O ₂	Formic acid	100.7	59.15	85	217
921	CH ₃ I	Iodomethane	42.5		Nonazeotrope	255
922	CH ₃ NO ₂	Nitromethane	101.15		Nonazeotrope	228
923	CH ₄ O	Methanol	64.7	53.43	87.4, V-l.	405
			....	20	91.7	} 155*, 187, 243, 334*
			....	35	89.7	
			....	49	87.8	
					
924	C ₂ H ₃ Cl ₃ O ₂	Chloral hydrate	97.5		Nonazeotrope	243
925	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.3		V-l.	180
926	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.28		Nonazeotrope, V-l.	186
927	C ₂ H ₄ Cl ₂ O	Bis(chloromethyl) ether	59.15	>63.9	<80	255
928	C ₂ H ₄ O ₂	Acetic acid	118.1		Nonazeotrope	255
929	C ₂ H ₄ O ₂	Methyl formate	31.9		Nonazeotrope	243
930	C ₂ H ₅ Br	Bromoethane	38.4		Nonazeotrope	334
931	C ₂ H ₅ Cl	Chloroethane	13.3		Nonazeotrope	243

TABLE I. BINARY SYSTEMS

No.	B-Component		B.P., ° C.	Azeotropic Data		
	Formula	Name		B.P., ° C.	Wt. % A	Ref.
A =	CHCl₃	Chloroform (continued)	61.2			
932	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		334
933	C ₂ H ₅ O	Ethyl alcohol	78.3	59.35	93	409
			....	35	95.9, V-l.	155*,
			....	45	94.8, V-l.	334*,
			....	55	93.7, V-l.	344, 395
934	C ₃ H ₆ O	Acetone	56.10	64.43	78.5, V-l.	322
				64-65	80	{ 119*, 155*, 323, 334, 372*, 395*, 406*
935	C ₃ H ₆ O	Allyl alcohol	96.95	Nonazeotrope		243
936	C ₃ H ₆ O	Propionaldehyde	50	Max. b.p.		111
937	C ₃ H ₆ O	Propylene oxide	35	Nonazeotrope		111
938	C ₃ H ₆ O ₂	Ethyl formate	54.15	62.7	87	243
939	C ₃ H ₆ O ₂	Methyl acetate	57.05	64.8	77	243
			57	64-65	78	334, 372*
			....	20	52.9	329
			....	40	50.3	329
			....	63.3	46.6	329
940	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		229
941	C ₃ H ₇ Br	2-Bromopropane	59.4	62.2	65	250
942	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		230
943	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		230
944	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		334
			82.45	60.8	95.5	243
945	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		243
946	C ₃ H ₈ O ₂	Methylal	42.3	61.8	92.5	111*, 207
947	C ₃ H ₈ S	Propanethiol	67.5	Nonazeotrope		243
948	C ₃ H ₉ BO ₃	Methyl borate	68.7	>70	....	255
949	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.5	Nonazeotrope		343
950	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		207, 423
951	C ₄ H ₈ O	Butyraldehyde	76	Max. b.p.		111
			76	Nonazeotrope		255
952	C ₄ H ₈ O	Isobutyraldehyde	63	Max. b.p.		111
			63	Nonazeotrope		255
953	C ₄ H ₈ O	Isobutylene oxide	50	Max. b.p.		111
954	C ₄ H ₈ O ₂	Dioxane	101	Nonazeotrope		111
955	C ₄ H ₈ O ₂	Ethyl acetate	76	Nonazeotrope		334
956	C ₄ H ₈ O ₂	Isopropyl formate	68.8	70.0	>14	242
957	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		255
958	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		255
959	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		230
960	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		230
961	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		255
962	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	Nonazeotrope		211
963	C ₄ H ₁₀ O	Ethyl ether	35	Nonazeotrope		111, 334*
964	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		255
965	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		239
966	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	>67.5	20	239
967	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	67.2	32	239
968	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		211
969	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243
970	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		243
971	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	>69.0	>35	239
972	C ₆ H ₆ Cl	Chlorobenzene	131.8	....	....	243
973	C ₆ H ₆ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
974	C ₆ H ₆	Benzene	79.90	Nonazeotrope, V-l.		{ 111*, 267*, 322, 334*, 405*
975	C ₆ H ₈	1,3-Cyclohexadiene	80.8	Nonazeotrope		243
976	C ₆ H ₁₀	Biallyl	60.2	~55	....	243
977	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		243
978	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		243
979	C ₆ H ₁₂	Methylcyclopentane	72.0	60.5	80	255
980	C ₆ H ₁₂	Methylcyclopentane	71.9	Azeotropic		334
981	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	55.5	47	242

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CHCl₃	Chloroform (continued)	61.2			
982	C ₆ H ₁₄	Hexane	68.95	59.95	72	243
983	C ₆ H ₁₄ O	Isopropyl ether	68	70.5	36, V-1	110*, 111
984	C ₆ H ₁₅ N	Triethylamine	89	Nonazeotrope		111
985	C ₇ H ₈	Toluene	110.65	Nonazeotrope		243
986	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
987	C ₇ H ₁₆	Heptane	98.45	...	...	243
988	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
A =	CHN	Hydrocyanic Acid	26			
989	CH ₄ O	Methanol	64.7	Nonazeotrope		243
990	C ₂ H ₄ O ₂	Methyl formate	31.7	24.0	52	255
991	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	16.5	15	255
A =	CH₂Br₂	Dibromomethane	97.0			
992	CH ₄ O	Methanol	64.65	64.25	52	255
993	CH ₄ O	Methanol	64.7	Azeotrope doubtful		243
994	C ₂ H ₄ O ₂	Acetic acid	118.1	94.8	84	242
995	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		255
996	C ₂ H ₅ NO ₂	Ethyl nitrate	87.7	Nonazeotrope		240
997	C ₂ H ₅ O	Ethyl alcohol	78.3	76	62	253
998	C ₃ H ₅ O	Allyl alcohol	96.95	~86.5	~80	243
999	C ₃ H ₅ O ₂	Propionic acid	141.3	Nonazeotrope		255
1000	C ₃ H ₅ O ₂	Methyl carbonate	90.35	Nonazeotrope		227
1001	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		255
1002	C ₃ H ₅ O	Isopropyl alcohol	82.4	<81.0	>32	255
1003	C ₃ H ₅ O	Propyl alcohol	97.2	<90.5	>74	247
1004	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		255
1005	C ₄ H ₉ ClO	1-Chloroethyl ethyl ether	98.5	<96.0	<72	255
1006	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	94.8	82	247
1007	C ₄ H ₁₀ S	Butanethiol	97.5	<95.5	<72	255
1008	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	98.0	70	232
1009	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		232
1010	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		232
1011	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	Nonazeotrope		227
1012	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	92	...	227
1013	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		227
1014	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.5	...	230
1015	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		255
1016	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
1017	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
1018	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		239
1019	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		239
1020	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
1021	C ₇ H ₁₄	Methylcyclohexane	101.15	<96.4	<75	255
1022	C ₇ H ₁₆	Heptane	98.4	<95.5	>58	242
A =	CH₂CINO₂	Chloronitromethane	122.5			
1023	C ₂ Cl ₄	Tetrachloroethylene	121.1	115.2	45	242
1024	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233
1025	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	115.5	40	242
1026	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		255
1027	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<119.7	20	234
1028	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
1029	C ₈ H ₁₈	Octane	125.75	<121.0	<80	255
A =	CH₂Cl₂	Dichloromethane	40.0			
1030	CH ₃ I	1-Iodomethane	42.5	39.8	79	207
1031	CH ₃ NO ₂	Methyl nitrate	64.8	Nonazeotrope		207
1032	CH ₄ O	Methanol	64.65	37.8	92.7	110*, 207
1033	C ₂ H ₃ N	Acetonitrile	81.6	Nonazeotrope		245
1034	C ₂ H ₄ O	Acetaldehyde	20.65	Nonazeotrope		255
1035	C ₂ H ₄ O ₂	Methyl formate	32	Nonazeotrope		111
			31.9	~30.8	~20	243
1036	C ₂ H ₅ Br	1-Bromoethane	38.4	38.1	20	229
1037	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	Nonazeotrope		335
1038	C ₂ H ₅ O	Ethyl alcohol	78.3	<39.85	>95	207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₂Cl₂	Dichloromethane (<i>continued</i>)	40.0			
1039	C ₂ H ₆ S	Ethanethiol	36.2	Nonazeotrope		243
1040	C ₃ H ₆ O	Acetone	56	Nonazeotrope		110*, 111
1041	C ₃ H ₆ O	Propionaldehyde	50	Max. b.p.		111
			50	Nonazeotrope		255
1042	C ₃ H ₆ O	Propylene oxide	34.1	40.6	77	111*, 239
1043	C ₃ H ₆ O ₂	Ethyl formate	54	Nonazeotrope		111
			54.15	41	92	227
1044	C ₃ H ₈ O ₂	Methyl acetate	57.0	Nonazeotrope		207
1045	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	39.45	53	207
1046	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		207
1047	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		207
1048	C ₃ H ₈ O ₂	Methylal	42.3	45.0	41	111*, 239
1049	C ₄ H ₆ O	Furan	31.7	Nonazeotrope		207
1050	C ₄ H ₈ O	Isobutylene oxide	50	Max. b.p.		111
1051	C ₄ H ₁₀ O	Ethyl ether	34.6	40.8	70	111*, 207
1052	C ₄ H ₁₀ O	Methyl propyl ether	38.9	44.8	57	207
1053	C ₅ H ₁₀	Cyclopentane	49.3	38.0	70	207
1054	C ₅ H ₁₀	2-Methyl-2-butene	37.1	<36.5	<52	207
1055	C ₅ H ₁₂	2-Methylbutane	27.95	26.0	27	207
1056	C ₅ H ₁₂	Pentane	36.15	<35.5	<49	255
1057	C ₅ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		207
1058	C ₅ H ₁₄	2,3-Dimethylbutane	58.0	39.0	83	207
1059	C ₅ H ₁₄	<i>n</i> -Hexane	68.8	Nonazeotrope		207
1060	C ₅ H ₈ O ₂	Acetic acid	118.1	Nonazeotrope		245
1061	C ₂ H ₆ O ₂	Glycol	197.4	168.7	86	249
1062	C ₂ H ₇ NO	2-Aminoethanol	170.8	Reacts		207
1063	C ₃ H ₆ O ₂	Propionic acid	141.3	140.65	27	207
1064	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	169.35	75	207
1065	C ₄ H ₈ O ₂	Butyric acid	164.0	159.1	60	250
1066	C ₄ H ₈ O ₂	Isobutyric acid	154.6	151.8	47	207
1067	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		255
1068	C ₄ H ₆ O ₂	Furfuryl alcohol	169.35	165.8	55	245
1069	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	168.5	75	245
1070	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		245
1071	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		255
1072	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	171.3	48	229
1073	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		245
1074	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	164.15	44	250
1075	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
1076	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	167.15	58	207
1077	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		245
1078	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		245
1079	C ₇ H ₁₆ O	Heptyl alcohol	176.15	169.8	62	207
1080	C ₈ H ₁₆	<i>m</i> -Xylene	139.2	Nonazeotrope		255
1081	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.0	38	245
1082	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	159.5	22	245
1083	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	174.0	72	245
1084	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.9	52	245
1085	C ₁₀ H ₁₈ O	Cineole	176.35	169.6	60	239
1086	C ₁₀ H ₂₀ O	Isoamyl ether	173.2	166.5	55	239
A =	CH₂O₂	Formic Acid	100.75			
1087	CH ₃ I	Iodomethane	42.6	42.1	6	207*, 221
1088	CH ₃ NO ₂	Nitromethane	101.22	97.05	45.5	234
1089	C ₂ Cl ₄	Tetrachloroethylene	121.1	88.15	50.0	218
1090	C ₂ HCl ₃	Trichloroethylene	86.95	74.1	25	243
1091	C ₂ HCl ₃	Pentachloroethane	161.95	Nonazeotrope		221
1092	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	146.25	99.25	68	218
1093	C ₂ H ₃ Br	Bromoethylene	15.8	Nonazeotrope		222
1094	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.65	94.65	51.5	218
1095	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.25	56.0	5	222
1096	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	77.4	14	217
1097	C ₂ H ₄ O ₂	Acetic acid	118.1	Nonazeotrope, V-l.		3
1098	C ₂ H ₅ Br	Bromoethane	38.40	38.23	3	218
1099	C ₂ H ₅ Cl	Chloroethane	13.1	Nonazeotrope		221
1100	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	Nonazeotrope		243

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH ₂ O ₂	Formic Acid (<i>continued</i>)	100.75			
1101	C ₂ H ₅ I	Iodoethane	72.3	65.6	22	217
1102	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		234
1103	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		246
1104	C ₃ H ₅ Br	3-Bromopropene	70.5	64.5	~22	242
1105	C ₃ H ₅ Cl	2-Chloropropene	22.65	Nonazeotrope		255
1106	C ₃ H ₅ Cl	3-Chloropropene	45.7	45.0	7.5	222
1107	C ₃ H ₇ ClO	1-Chloro-2-propanone	119	Nonazeotrope		243
1108	C ₃ H ₅ Cl	Epichlorohydrin	116.45	Nonazeotrope		243
1109	C ₃ H ₅ I	3-Iodopropene	102	85	~35	243
1110	C ₃ H ₇ Cl ₂	2,2-Dichloropropane	70.4	<66.0	<25	255
1111	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope		232
1112	C ₃ H ₇ Br	1-Bromopropane	71.0	64.7	27	217
1113	C ₃ H ₇ Br	2-Bromopropane	59.35	56.0	14	221
1114	C ₃ H ₇ Cl	1-Chloropropane	54.1	45.7	8	235
1115	C ₃ H ₇ Cl	2-Chloropropane	34.8	34.7	1.5	221
1116	C ₃ H ₇ I	1-Iodopropane	102.4	82	36	221
1117	C ₃ H ₇ I	2-Iodopropane	89.45	75.2	29	242
1118	C ₃ H ₈ O ₂	Methylal	42.15	Nonazeotrope		236
1119	C ₃ H ₇ N	Trimethylamine, azeotrope composition independent of pressure	9	179	~24.5	243
1120	C ₄ H ₄ S	Thiophene	84	Min. b.p.		418
1121	C ₄ H ₆ O	Crotonaldehyde	102.15	~95	....	243
1122	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		206
1123	C ₄ H ₈ O ₂	Dioxane	101.35	113.35	43	236
1124	C ₄ H ₈ S	Tetrahydrothiophene	118.8	<94.5	<73	246
1125	C ₄ H ₉ Br	1-Bromobutane	101.5	81.4	35	242
1126	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.3	76.7	30	235
1127	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	66.2	22	221
1128	C ₄ H ₉ Cl	1-Chlorobutane	78.5	69.4	25	242
1129	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	62.95	19	243
1130	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	50.0	11.2	221
1131	C ₄ H ₉ I	1-Iodobutane	130.4	92.6	52	242
1132	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	89.5	45	222
1133	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		243
1134	C ₄ H ₁₀ S	Ethyl sulfide	92.2	82.2	35	235
1135	C ₅ H ₅ N	Pyridine	115.5	150-151	63.5	151, 243
1136	C ₅ H ₁₀	Cyclopentane	49.3	46.0	16	242
1137	C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.0	10.5	221
1138	C ₅ H ₁₀	3-Methyl-1-butene	22.5	~22.2	~2	217
1139	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	>102.15	<85	232
1140	C ₅ H ₁₀ O	2-Pentanone	102.35	105.5	32	232
1141	C ₅ H ₁₀ O	3-Pentanone	102.05	105.25	33	232
1142	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	Nonazeotrope		421
1143	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	90.5	47	221
1144	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	80.0	33.5	222
1145	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	97.0	62	242
1146	C ₅ H ₁₂	2-Methylbutane	27.95	27.2	4	217
1147	C ₅ H ₁₂	Pentane	36.15	34.2	10	217
1148	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Azeotrope doubtful		243
1149	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		222
1150	C ₆ H ₅ Br	Bromobenzene	156.1	98.1	68	248
1151	C ₆ H ₅ Cl	Chlorobenzene	131.75	93.7	59	248
1152	C ₆ H ₅ F	Fluorobenzene	84.9	73.0	27	242
1153	C ₆ H ₆	Benzene	80.2	71.05	31	243
1154	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		243
1155	C ₆ H ₇ N	2-Picoline	134	158	25	243
1156	C ₆ H ₇ N	3-Picoline, 200 mm.	....	100-125	....	} 81*, 227
		100 mm.	....	98-110	....
1157	C ₆ H ₇ N	4-Picoline, 200 mm.	....	100-175	....
		100 mm.	....	98-110	....
1158	C ₆ H ₈	1,3-Cyclohexadiene	80.8	~71	30	243
1159	C ₆ H ₁₀	Biallyl	60.2	~46	....	221
1160	C ₆ H ₁₀	Cyclohexene	82.75	71.5	21	243
1161	C ₆ H ₁₀ S	Allyl sulfide	139.35	97.5	80	246
1162	C ₆ H ₁₂	Cyclohexane	80.75	70.7	30	243
1163	C ₆ H ₁₂	Methylcyclopentane	72.0	63.3	29	242

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₂O₂	Formic Acid (continued)	100.75			
1164	C ₈ H ₁₂ O	Pinacolone	106.2	>107.1	<24	232
1165	C ₈ H ₁₄	2,3-Dimethylbutane	58.0	52.5	22	242
1166	C ₈ H ₁₄	Hexane	68.95	60.6	28	217
1167	C ₈ H ₁₄ S	Isopropyl sulfide	120.5	93.5	62	246
1168	C ₈ H ₁₄ S	Propyl sulfide	141.5	98.0	83	246
1169	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	100.2	83	221
1170	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	100.5	88	221
1171	C ₇ H ₈	Toluene	110.7	85.8	50	243
1172	C ₇ H ₉ N	2,6-Lutidine, 200 mm.	....	100-125	....	} 81*, 327
		100 mm.	....	98-110	....
1173	C ₇ H ₁₄	Methylcyclohexane	101.1	80.2	46.5	221
1174	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	78.2	56.5	207, 324*
1175	C ₈ H ₈	Styrene	145.8	95.75	73	4
1176	C ₈ H ₁₀	Ethylbenzene	136.15	~94.0	68	221
		200 mm.	....	60	69	26
1177	C ₈ H ₁₀	<i>m</i> -Xylene	139	92.8	71.8	206*, 323
1178	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	95.5	74	221
1179	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	~95	70.0	221
1180	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		243
1181	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	89.0	51	242
1182	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	83.2	48	242
1183	C ₈ H ₁₈	Octane	125.8	90.5	63	221
1184	C ₈ H ₁₈ O	Butyl ether	141	Nonazeotrope		217
1185	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		239
1186	C ₉ H ₈	Indene	182.4	Nonazeotrope		223
1187	C ₉ H ₁₂	Cumene	152.8	97.2	<88	242
1188	C ₉ H ₁₂	Mesitylene	164.6	<99.7	<96	255
1189	C ₉ H ₁₂	Propylbenzene	159.3	<98.8	<93	255
1190	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		218
1191	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		218
1192	C ₁₀ H ₁₆	Thymene	179.7	Reacts		223
1193	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<98.5	<93	255
A =	CH₃Br	Bromomethane	3.65			
1194	CH ₄ O	Methanol	64.7	3.55	99.45	423
1195	C ₂ H ₄ O	Acetaldehyde	20.2	Nonazeotrope		243
1196	C ₂ H ₄ O ₂	Methyl formate	31.75	Nonazeotrope		227
1197	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	Nonazeotrope		230
1198	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		230
1199	C ₄ H ₆	Butadiene	-4.5	Nonazeotrope		93
1200	C ₄ H ₈	1-Butene	-6.5	Nonazeotrope		93
1201	C ₄ H ₁₀	Butane	-0.6	-4.4	57.3	156
A =	CH₂Cl	Chloromethane	-23.7			
1202	C ₂ H ₆ O	Methyl ether	-23.65	Azeotropic		239
1203	C ₄ H ₁₀	2-Methylpropane	-10	Azeotropic		73
A =	CH₂I	Iodomethane	42.5			
1204	CH ₃ NO ₂	Methyl nitrate	64.8	Nonazeotrope		207
1205	CH ₄ O	Methanol	64.7	37.8	95.5	163*, 207
1206	C ₂ H ₄ O ₂	Methyl formate	31.9	31	~17	243
1207	C ₂ H ₆ O	Ethyl alcohol	78.3	41.2	96.8	253
1208	C ₃ H ₆ O	Acetone	56.15	42.4	95	207
1209	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		218
1210	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		207
1211	C ₃ H ₇ Cl	1-Chloropropane	46.65	42.1	85	242
1212	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	39.5	>30	207
1213	C ₃ H ₈ O	Isopropyl alcohol	82.4	42.4	98.2	211
1214	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		155
1215	C ₃ H ₈ O ₂	Methylal	42.2	39.45	57	207
1216	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		207
1217	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		207
1218	C ₄ H ₁₀ O	Methyl propyl ether	38.8	Nonazeotrope		207
1219	C ₄ H ₁₂ Si	Tetramethylsilane	26.64	26.1	28.8	9
1220	C ₅ H ₁₀	Cyclopentane	49.3	<42.0	>66	255
1221	C ₅ H ₁₂	2-Methyl-2-butene	37.1	<36.2	>40	255
1222	C ₅ H ₁₂	2-Methyl-2-butene	37.15	Azeotrope doubtful		243

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₃I	Iodomethane (continued)	42.5			
1223	C ₅ H ₁₀	3-Methyl-1-butene	37.1	<36.2	>40	242
1224	C ₅ H ₁₂	2-Methylbutane	27.95	<25.0	>20	242
1225	C ₅ H ₁₂	Pentane	36.2	<33.8	>38	207
1226	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
1227	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		207
A =	CH₃NO₂	Methyl Nitrite	-16			
1228	C ₄ H ₆	Butadiene	-4.7	Nonazeotrope		266
1229	C ₄ H ₆	1-Butene	-6	-16	....	266
1230	C ₄ H ₆	2-Methylpropene	-6	-16	....	266
1231	C ₄ H ₁₀	Butane	-0.6	-20	....	266
1232	C ₄ H ₁₀	2-Methylpropane	-11	-20	....	266
A =	CH₃NO₂	Nitromethane	101.2			
1233	CH ₄ O	Methanol	64.65	64.5	8	234
1234	C ₂ Cl ₄	Tetrachloroethylene	121.1	95.0	80?	234
1235	C ₂ HCl ₃	Trichloroethylene	86.2	V-1		435
1236	C ₂ HCl ₃	Trichloroethylene	86.9	81.4	20	234
1237	C ₂ HCl ₃ O	Chloral	97.75	93	35	252
1238	C ₂ H ₄ O ₂	Acetic acid	118.1	101.2	96	234
1239	C ₂ H ₆ S	Ethylene sulfide	55.7	Nonazeotrope		255
1240	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		234
1241	C ₂ H ₅ I	Iodoethane	72.3	71.2	10	234
1242	C ₂ H ₅ NO ₂	Ethyl nitrate	87.70	87.68	1.2	207
1243	C ₂ H ₅ O	Ethyl alcohol	78.3	75.95	26.8	234
1244	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		256
1245	C ₂ H ₆ S	Ethanethiol	35.8	Nonazeotrope		234
1246	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		234
1247	C ₂ H ₇ NO	2-Aminoethanol	170.8	Nonazeotrope		255
1248	C ₃ H ₅ Br	3-Bromopropene	70.0	<69.8	>4	234
1249	C ₃ H ₅ I	3-Iodopropene	101.8	89.0	....	228, 234
1250	C ₃ H ₆ O	Allyl alcohol	96.85	89.3	43	234
1251	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		234
1252	C ₃ H ₇ Br	1-Bromopropane	71.0	70.6	7	234
1253	C ₃ H ₇ Br	2-Bromopropane	59.2	Nonazeotrope		228
1254	C ₃ H ₇ Cl	1-Chloropropane	46.4	Nonazeotrope		235
1255	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		234
1256	C ₃ H ₇ ClO	2-Chloro-1-propanol	133.7	Nonazeotrope		234
1257	C ₃ H ₇ I	1-Iodopropane	102.4	89.2	>42	234
1258	C ₃ H ₇ I	2-Iodopropane	89.45	82.0	33	234
1259	C ₃ H ₇ NO ₂	Propyl nitrate	110.5	100.2	75	234
1260	C ₃ H ₈ O	Isopropyl alcohol	82.0	79.3	28.2	72*, 353
				V-1.		
1261	C ₃ H ₈ O	Propyl alcohol	97.2	89.3	47.5	120, 234*
1262	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.7	Nonazeotrope		340
1263	C ₄ H ₆ O	Crotonaldehyde	102.15	99	....	243
1264	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		232
1265	C ₄ H ₈ O ₂	Dioxane	101.35	100.55	56.5	207
1266	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		234
1267	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		234
1268	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		234
1269	C ₄ H ₉ Br	1-Bromobutane	101.5	90.0	50	234
1270	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	84.0	34	234
1271	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	72.2	9	234
1272	C ₄ H ₉ Cl	1-Chlorobutane	78.5	75.5	16	234
1273	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	68.35	6	234
1274	C ₄ H ₉ I	1-Iodobutane	130.4	99.8	~90	228*, 234
1275	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	96.7	>60	234
1276	C ₄ H ₁₀ O	Butyl alcohol	117.8	97.8	70	234
1277	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	91.1	46	234
1278	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	79.4	32	234
1279	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	94.6	56.5	234
1280	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		234
1281	C ₄ H ₁₀ S	1-Butanethiol	97.5	<93.2	....	234
1282	C ₄ H ₁₀ S	Ethyl sulfide	92.1	85.0	30	234
1283	C ₅ H ₅ N	Pyridine	115.4	<100.5	>85	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₃NO₂	Nitromethane (continued)	101.2			
1284	C ₆ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		234
1285	C ₆ H ₁₀	Cyclopentane	49.3	<47.5	>9	234
1286	C ₆ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		234
1287	C ₆ H ₁₀ O	3-Methyl-2-butanone	95.4	<94.8	....	255
1288	C ₆ H ₁₀ O	2-Pentanone	102.35	99.15	56	232
1289	C ₆ H ₁₀ O	3-Pentanone	102.05	99.1	55	232
1290	C ₆ H ₁₀ O ₂	Butyl formate	106.8	<98.7	<60	234
1291	C ₆ H ₁₀ O ₂	Ethyl propionate	99.1	96.0	35	234
1292	C ₆ H ₁₀ O ₂	Isobutyl formate	98.2	94.7	32	234
1293	C ₆ H ₁₀ O ₂	Isopropyl acetate	89.5	<89.3	....	234
1294	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	97.95	50	234
1295	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.5	91.2	....	234
1296	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	97.6	45	234
1297	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	97.5	....	234
1298	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	88.2	48	234
1299	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	94.2	....	234
1300	C ₆ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		234
1301	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	93.1	49.5	234
1302	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	100.6	88	234
1303	C ₆ H ₁₂ O	3-Methyl-2-butanol	112.9	96.4	63	234
1304	C ₆ H ₁₂ O	2-Pentanol	119.8	98.5	73	234
1305	C ₆ H ₁₂ O	3-Pentanol	116.0	97.4	68	234
1306	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		234
1307	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		255
1308	C ₆ H ₆	Benzene	80.15	79.15	14	234
1309	C ₆ H ₁₀	Cyclohexene	82.75	<74.5	<31	234
1310	C ₆ H ₁₀	Biallyl	60.1	<57.5	<23	234
1311	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		234
1312	C ₆ H ₁₂	Cyclohexane	80.75	70.2	28	234
1313	C ₆ H ₁₂	Methylcyclopentane	72.0	64.2	23	234
1314	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		234
1315	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		232
1316	C ₆ H ₁₂ O	Pinacolone	106.2	<100.5	....	232
1317	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		234
1318	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	100.1	72	234
1319	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	Nonazeotrope		228
1320	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		228
1321	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<54.5	<26	234
1322	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	62.0	21	234
1323	C ₆ H ₁₄ O	<i>n</i> -Hexyl alcohol	157.85	Nonazeotrope		234
1324	C ₆ H ₁₄ O ₂	Acetal	104.5	95	~65	243
1325	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<99.5	>85	255
1326	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
1327	C ₆ H ₁₆ NO	2-(Diethylamino)ethanol	162.2	Nonazeotrope		255
1328	C ₇ H ₈	Toluene	110.75	96.5	55	130*, 234
1329	C ₇ H ₁₄	Methyl cyclohexane	101.15	81.25	39.5	234
1330	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	80.2	37	234
1331	C ₈ H ₈	Styrene	145.8	Nonazeotrope		234
1332	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		234
1333	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		201
1334	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		234
1335	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	90.2	50	234
1336	C ₈ H ₁₆	2,5-Dimethylhexane	109.4	85.5	43	234
1337	C ₈ H ₁₈	<i>n</i> -Octane	125.75	92.0	53	234
1338	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		234
1339	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		234
1340	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		234
1341	C _{<i>n</i>} H _{2<i>n</i>+2}	Paraffins	90-118	25-90	....	130
A =	CH₃NO₂	Methyl Nitrate	64.8			
1342	CH ₄ O	Methanol	64.65	52.5	73	240
1343	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	Nonazeotrope		240
1344	C ₂ H ₄ Br	Bromoethane	38.4	Nonazeotrope		240
1345	C ₂ H ₅ I	Iodoethane	72.3	<63.5	<72	240
1346	C ₂ H ₆ O	Ethyl alcohol	78.3	<59.5	>64	240
1347	C ₃ H ₆ Br	3-Bromopropene	70.5	62.8	68	240

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₃NO₂	Methyl Nitrate (continued)	64.8			
1348	C ₃ H ₅ Cl	3-Chloropropene	45.3	Nonazeotrope		240
1349	C ₃ H ₇ Br	1-Bromopropene	71.0	63.0	70	240
1350	C ₃ H ₇ Br	2-Bromopropene	59.4	57.3	32	240
1351	C ₃ H ₇ Cl	1-Chloropropene	46.65	Nonazeotrope		240
1352	C ₃ H ₈ O	Isopropyl alcohol	82.42	<62.5	>78	240
1353	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		237
1354	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		240
1355	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	63.8	<80	240
1356	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		240
1357	C ₄ H ₉ Cl	2-Chlorobutane	68.25	<62.0	<64	240
1358	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	61.2	61	240
1359	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	63.2	84	240
1360	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		237
1361	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.8	<63.9	....	237
1362	C ₅ H ₁₀	Cyclopentane	49.4	<47.2	>20	240
1363	C ₅ H ₁₂	Pentane	36.15	<35.5	<10	240
1364	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	<61.5	....	237
1365	C ₆ H ₆ F	Fluorobenzene	84.9	Nonazeotrope		240
1366	C ₆ H ₆	Benzene	80.15	Nonazeotrope		240
1367	C ₆ H ₁₂	Cyclohexane	80.75	61.0	77	240
1368	C ₆ H ₁₂	Methylcyclopentane	72.0	57.8	60	240
1369	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	51.0	38	240
1370	C ₆ H ₁₄	Hexane	68.8	56.0	56	240
1371	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		240
A =	CH₄O	Methanol	64.72			
1372	C ₂ Cl ₄	Tetrachloroethylene	121.1	63.75	63.5	254
1373	C ₂ HCl ₃	Trichloroethylene	87	59.3	38	117*, 126
					V-1.	
1374	C ₂ H ₂ BrCl	1-Bromo-2-chloroethylene	106.7	Nonazeotrope		255
1375	C ₂ H ₂ Br	<i>cis</i> -1,2-Dibromoethylene	112.5	Nonazeotrope		243
1376	C ₂ H ₂ Br ₂	<i>trans</i> -1,2-Dibromoethylene	108	Nonazeotrope		255
1377	C ₂ H ₂ Br ₂	<i>trans</i> -1,2-Dibromoethylene	108	~64.1	~72	243
1378	C ₂ H ₂ Cl ₂	1,1-Dichloroethylene	31	27.5-28	6 vol.	392
1379	C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloroethylene	60.25	51.5	~13	243
1380	C ₂ H ₂ Br	Bromoethylene	15.8	<15.7	....	255
1381	C ₂ H ₂ Cl ₃	1,1,1-Trichloroethane	....	56	21.7	93
1382	C ₂ H ₂ Cl ₃	1,1,2-Trichloroethane	113.65	Nonazeotrope		255
1383	C ₂ H ₂ Cl ₃	1,1,2-Trichloroethane	114	~64.5	97	243
1384	C ₂ H ₂ N	Acetonitrile	81.6	63.45	19	243
1385	C ₂ H ₄ BrCl	1-Bromo-2-chloroethane	106.7	64.5?	....	243
1386	C ₂ H ₄ Br ₂	1,1-Dibromoethane	109.5	Nonazeotrope		255
1387	C ₂ H ₄ Br ₂	1,1-Dibromoethane	~110	64.2	~82	243
1388	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.65	Nonazeotrope		254
1389	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.3	59.05	11.5	243
1390	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	60.95	32	252
			....	....	40, V-1.	119
1391	C ₂ H ₄ O	Acetaldehyde	20.65	Nonazeotrope		255
1392	C ₂ H ₄ O	Ethylene oxide	10.75	Nonazeotrope		255
1393	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		243
1394	C ₂ H ₄ S	Ethylene sulfide	55.7	<47.0	<21	255
1395	C ₂ H ₅ Br	Bromoethane	38	35	5	243*, 334
1396	C ₂ H ₅ Cl	Chloroethane	13.5	Nonazeotrope		243
1397	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	56	~35	243
1398	C ₂ H ₅ I	Iodoethane	72.3	55	17	243*, 334
1399	C ₂ H ₅ NO	Acetamide	220.9	Nonazeotrope		207
1400	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		256
1401	C ₂ H ₅ NO ₂	Ethyl nitrate	87.68	61.77	57	240
1402	C ₂ H ₆	Ethane	-93	Nonazeotrope		243
1403	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		243
1404	C ₂ H ₆ S	Ethanethiol	36.2	Nonazeotrope		243
1405	C ₂ H ₆ S	Methyl sulfide	37.3	<34.5	<13	246
1406	C ₃ H ₃ N	Acrylonitrile	77.3	61.4	61.3	93
1407	C ₃ H ₄ Cl ₂	1,2-Dichloro-1-propene	76.8	56.5	25	172
1408	C ₃ H ₄ O	Acrolein	52.45	Nonazeotrope		255
1409	C ₃ H ₅ Br	<i>trans</i> -1-Bromopropene	63.25	50.8	15	243

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₄O	Methanol (<i>continued</i>)	64.72			
1410	C ₃ H ₅ Br	<i>cis</i> -1-Bromopropene	57.8	48	12	243
1411	C ₃ H ₅ Br	2-Bromopropene	48.35	42.7	11	243
1412	C ₃ H ₅ Br	3-Bromopropene	70.5	54.0	20.5	247
1413	C ₃ H ₅ Cl	2-Chloropropene	22.65	22.0	3	253
1414	C ₃ H ₅ Cl	3-Chloropropene	45.15	39.85	10	247
1415	C ₃ H ₅ ClO	Epichlorohydrin	116.4	Nonazeotrope		236
1416	C ₃ H ₅ ClO ₂	Methyl chloroacetate	131.4	Nonazeotrope		58
1417	C ₃ H ₅ I	3-Iodopropene	102.0	63.5	~62	243
1418	C ₃ H ₅ N	Propionitrile	97.1	Nonazeotrope		243
1419	C ₃ H ₅ Cl ₂	1,2-Dichloropropane	96.8	62.9	53	117
1420	C ₃ H ₅ Cl ₂	2,2-Dichloropropane	69.8	55.5	21	253
1421	C ₃ H ₆ O	Acetone	56.15	55.5	12	110*, 155*, 207, 334*
		100 mm.	....	Nonazeotrope, V-l.		119
			Effect of pressure, V-l.			42
1422	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		255
1423	C ₃ H ₆ OS	Methyl thioacetate	95.5	Nonazeotrope		255
1424	C ₃ H ₆ O ₂	Ethyl formate	54.15	50.95	16	243
1425	C ₃ H ₆ O ₂	Methyl acetate	57	54	19.5	150, 334*
1426	C ₃ H ₆ O ₃	Methyl carbonate	90.35	62.7	~70	216
1427	C ₃ H ₇ Br	1-Bromopropane	71.0	54.5	21	163*, 215
1428	C ₃ H ₇ Br	2-Bromopropane	59.4	49.0	14.5	207
1429	C ₃ H ₇ Cl	1-Chloropropane	46.6	40.6	10	235
1430	C ₃ H ₇ Cl	2-Chloropropane	36.25	33.4	6	253
1431	C ₃ H ₇ I	1-Iodopropane	102.4	63.1	50	207
1432	C ₃ H ₇ I	2-Iodopropane	89.35	61.0	38	253
1433	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		211
1434	C ₃ H ₈	Propane	-40	Min. b.p.		243
1435	C ₃ H ₈ O ₂	2-Methoxyethanol	124	Nonazeotrope, V-l.		363
1436	C ₃ H ₈ O ₂	Methylal	42.3	41.82	7.85	69, 131*, 225*
1437	C ₃ H ₈ S	Propanethiol	67.3	<58.0	<35	246
1438	C ₃ H ₇ BO ₃	Methyl borate	68.7	54.6	32	254
1439	C ₄ H ₆ Cl ₂	2,3-Dichloro-1,3-butadiene	98	61.5	50.0	421
		275 mm.	....	36.0	53.5	421
		475 mm.	....	50.0	52.0	421
		1000 mm.	....	70	....	421
1440	C ₄ H ₆ N ₂	Pyrazine	114	Nonazeotrope		299
1441	C ₄ H ₆ O	Furan	31.7	<30.5	<7	255
1442	C ₄ H ₆ S	Thiophene	84	<59.55	<55	207
1443	C ₄ H ₆ NS	Allyl isothiocyanate	152.05	Nonazeotrope		255
1444	C ₄ H ₆ O	Crotonaldehyde	102	Nonazeotrope		97
1445	C ₄ H ₆ O ₂	Biacetyl	87.5	<62.0	<75	232
1446	C ₄ H ₆ O ₂	Methyl acrylate	80	62.5	54	319*, 320
1447	C ₄ H ₇ N	Pyrraline	90.9	Nonazeotrope		255
1448	C ₄ H ₈ O	2-Butanone	79.6	63.5	70	42
				Effect of pressure, V-l.		
1449	C ₄ H ₈ O	Isobutyraldehyde	63.5	62.7	40	255
1450	C ₄ H ₈ O ₂	1,2-Dimethoxyethylene	102	63-64	90	143
1451	C ₄ H ₈ O ₂	Dioxane	101.05	Nonazeotrope, V-l		97*, 294
1452	C ₄ H ₈ O ₂	Ethyl acetate	77.1	62.25	44	252, 334*
1453	C ₄ H ₈ O ₂	Isopropyl formate	68.8	57.2	33	247
1454	C ₄ H ₈ O ₂	Methyl propionate	79.8	62.45	47.5	252
1455	C ₄ H ₈ O ₂	Propyl formate	80.8	61.9	50.2	252
1456	C ₄ H ₈ S	Tetrahydrothiophene	118.8	Nonazeotrope		246
1457	C ₄ H ₉ Br	1-Bromobutane	101.5	63.5	59	207
1458	C ₄ H ₉ Br	2-Bromobutane	91.2	61.5	41.5	247
1459	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.0	61.55	42	163*, 235
1460	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	55.6	~24	243
1461	C ₄ H ₉ Cl	1-Chlorobutane	78.05	57.2	28.5	235
1462	C ₄ H ₉ Cl	2-Chlorobutane	68.25	52.7	20	247
1463	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	53.05	23	243
1464	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	43.75	10	212
1465	C ₄ H ₉ I	1-Iodobutane	130.4	Nonazeotrope		255
1466	C ₄ H ₉ I	2-Iodobutane	120.0	<64.60	>65	255

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH ₄ O	Methanol (<i>continued</i>)	64.72			
1467	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	Nonazeotrope		212
			119	64	<70	334
1468	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		334
1469	C ₄ H ₁₀ O	Methyl propyl ether	39	38	11.94	34
1470	C ₄ H ₁₀ O	Methyl propyl ether	38.95	38.95	10	225
1471	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	57.5	24.2	20
1472	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.90	57.1	25.3	429
1473	C ₄ H ₁₀ S	Ethyl sulfide	92.2	61.2	62	235
1474	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		225
1475	C ₄ H ₁₁ N	Isobutylamine	68.0	Reacts		225
1476	C ₄ H ₁₂ SiO	Methoxytrimethylsilane	57.0	....	14-16	338
1477	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233
1478	C ₅ H ₆ O	2-Methylfuran	63.7	51.5	22.3	310
1479	C ₅ H ₈	Cyclopentene	43	37	20 vol.	360*, 417
1480	C ₅ H ₈	Isoprene	34.8	~29.5	....	243
1481	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	~35	~10	243
1482	C ₅ H ₈	<i>cis</i> -Piperylene	42	37.5	16.7 vol.	417
1483	C ₅ H ₈ O ₂	Ethyl acrylate, 103 mm.	43	64.5	84.4	319*, 320
1484	C ₅ H ₈ O ₂	Methyl methacrylate	99.5	64.2	82, V-1.	426
		200 mm.	61.5	34.5	82, V-1.	426
1485	C ₅ H ₁₀	Cyclopentane	49.4	38.8	14	247
1486	C ₅ H ₁₀	2-Methyl-2-butene	37.15	31.75	7	243
1487	C ₅ H ₁₀	3-Methyl-1-butene	22.5	19.8	3	217
1488	C ₅ H ₁₀	2-Pentene	35.8	31.5	12 vol.	417
1489	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
1490	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		255
1491	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	Nonazeotrope		217
1492	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	64.6	~95	216
1493	C ₅ H ₁₀ O ₂	Isopropyl acetate	91.0	64.5	80	216
1494	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		216
1495	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	64.0	75	216
1496	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		243
1497	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		216
1498	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.2	Nonazeotrope		163
				B.p. curve		
1499	C ₅ H ₁₁ Cl	1-Chloropentane	108.35	Nonazeotrope		171
1500	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	62.0	57	207
1501	C ₅ H ₁₁ N	Piperidine	106.4	Nonazeotrope		255
1502	C ₅ H ₁₂	2-Methylbutane	27.95	24.5	~4	243
1503	C ₅ H ₁₂	<i>n</i> -Pentane	36.1	30.6	15 vol.	417
			37.15	30.8	9	218
1504	C ₅ H ₁₂ O	Butyl methyl ether	71	56.3	35.35	34
1505	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	55.5	24	236
1506	C ₅ H ₁₂ O	Methyl <i>tert</i> -butyl ether	55	51.6	15	105
1507	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	63.2	65	207
1508	C ₅ H ₁₄ SiO	Methoxymethyltrimethylsilane	83	60	36 vol.	374
1509	C ₆ H ₆ Cl	Chlorobenzene	132.0	Nonazeotrope		254
1510	C ₆ H ₆ F	Fluorobenzene	85.15	59.7	32	225
1511	C ₆ H ₆ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
1512	C ₆ H ₆	Benzene	80.1	57.50	39.1, V-1.	424
		770 mm.	....	58	38.4	} 126*, 329*
		400 mm.	....	40	36.8	
		223 mm.	....	25	33.1	
1513	C ₆ H ₈	1,3-Cyclohexadiene	80.8	56.38	38.8	243
1514	C ₆ H ₈	1,4-Cyclohexadiene	85.6	58	42.5	243
1515	C ₆ H ₁₀	Biallyl	60.2	47.05	22.5	243
1516	C ₆ H ₁₀	Cyclohexene	82.75	55.9	40	243
1517	C ₆ H ₁₀	2,3-Dimethyl-1,3-butadiene	68.9	52	25	38
1518	C ₆ H ₁₀	Methylcyclopentene	75.85	53.0	35	247
1519	C ₆ H ₁₀ O ₂	Isopropyl acrylate	....	Min b.p.		319
1520	C ₆ H ₁₀ O ₂	Propyl acrylate	....	Min. b.p.		319
1521	C ₆ H ₁₂	Cyclohexane	80	54	38	117, 243*
1522	C ₆ H ₁₂	Hexenes	68	49.5	27 vol	417
1523	C ₆ H ₁₂	Methylcyclopentane	72.0	51.3	32	247
1524	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	45.0	20	247
1525	C ₆ H ₁₄	Hexanes	68	50	26 vol.	221*, 417

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	CH₄O	Methanol (continued)	64.72			
1526	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86-7	62.3	50	105
1527	C ₆ H ₁₄ O	Propyl ether	90.4	63.8	72	225
1528	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		236
1529	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
1530	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		255
1531	C ₇ H ₈	Toluene	110.7	63.8	69	23
			....	0.5	71.6	} 217*, 329, 334*
			....	25	73.0	
			....	50	74.0	
			....	62.5	75.0	
1532	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.7	....	~45	383
1533	C ₇ H ₁₄	Methylcyclohexane	100.8	59.2	54	23, 252*
1534	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	59.1	51.5	252
1535	C ₇ H ₁₆	2-Methylhexane	90.0	....	~40	383
1536	C ₇ H ₁₆	3-Methylhexane	91.8	....	~40	383
1537	C ₈ H ₈	Styrene	145.8	64.2	....	225
1538	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		217
1539	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		217
1540	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		221
1541	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	Nonazeotrope		220
1542	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<62.5	....	255
1543	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	61.0	60	225
1544	C ₈ H ₁₈	Octane	125.6	63.0	72	217
1545	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	59.4	53	255
1546	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
1547	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		217
1548	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
1549	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		217
1550	C ₁₀ H ₁₆	Camphene	159.6	64.67?	98.8?	254
1551	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	64.63	99.2	252
1552	C ₁₀ H ₁₆	α -Pinene	155.8	64.55	90.7	208
1553	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		217
1554	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<64.6	>3	255
A =	CH₄S	Methanethiol	6.8			
1555	C ₂ H ₄ O ₂	Methyl formate	31.7	Nonazeotrope		255
1556	C ₂ H ₆ Cl	Chloroethane	12.4	Nonazeotrope		255
1557	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	<6.4	>82	255
1558	C ₄ H ₁₀	Butane	0.6	-0.5	25	255
1559	C ₆ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		255
A =	CH₅N	Methylamine	-6.32			
1560	C ₂ H ₇ N	Dimethylamine	+6.88	Nonazeotrope		331
1561	C ₃ H ₉ N	Trimethylamine, 60 lb./sq. inch gage	....	36	85	331
		210 lb./sq. inch gage	....	75	90-92	331
		370 lb./sq. inch gage	....	Nonazeotrope		331
			3.5	-5	70	6, 7*
1562	C ₄ H ₆	1-Butene-3-yne	+5.0	-6.8	97.5, V-l.	43
1563	C ₄ H ₆	1,3-Butadiene	-4.5	-9.5	41.4, V-l.	43
1564	C ₄ H ₆	1,3-Butadiene	-4.5	-10.4	....	93
1565	C ₄ H ₆	1-Butene	-5.6	-13	22.2, V-l.	43
1566	C ₄ H ₆	1-Butene	-6.0	-13.8	....	93
1567	C ₄ H ₆	<i>trans</i> -2-Butene	6.9	-10.4	48.5, V-l.	43
1568	C ₄ H ₆	<i>cis</i> -2-Butene	3.5	-9.6	47.5, V-l.	43
1569	C ₄ H ₆	2-Methylpropene	-6.0	-14.3	32, V-l.	43
1570	C ₄ H ₁₀	Butane	-0.6	Min. b.p.		88
1571	C ₄ H ₁₀	Butane	+1.0	-14.0	37.6, V-l.	43
1572	C ₄ H ₁₀	2-Methylpropane	-10.0	-19.9	25.5, V-l.	43
1573	C ₅ H ₈	Isoprene	34	Min. b.p.		331
1574	C ₅ H ₁₀	Amylenes	....	Min. b.p.		101
A =	C₂Br₂Cl₂	1,2-Dibromo-1,2-dichloroethylene	172			
1575	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		213
1576	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		213

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂Cl₃N	Trichloroacetonitrile	...			
1577	C ₂ H ₃ N	Acetonitrile	82	75.6	71	188
A =	C₂Cl₄	Tetrachloroethylene	121.1			
1578	C ₂ HCl ₃ O	Chloral	97.5	Nonazeotrope		255
1579	C ₂ H ₃ Cl ₃	1,1,2-Trichloroethane	112.4	112	57	93
1580	C ₂ H ₄ Cl ₂ O	2,2-Dichloroethanol	146.2	<119.5	<96	255
1581	C ₂ H ₄ O ₂	Acetic acid	118.5	107.35	61.5	243
1582	C ₂ H ₅ BrO	2-Bromoethanol	150.2	116.5	85	255
1583	C ₂ H ₅ ClO	2-Chloroethanol	128.6	110.0	75.7	243
1584	C ₂ H ₅ NO	Acetamide	221.2	120.45	97.4	254
1585	C ₂ H ₅ O	Ethyl alcohol	78.3	76.75	~37	254
1586	C ₂ H ₅ O ₂	Glycol	197.4	119.1	94	254
1587	C ₂ H ₅ BrO	Epibromohydrin	138.5	<119.5	<92	255
1588	C ₂ H ₅ ClO	1-Chloro-2-propanone	119	118	...	243
1589	C ₂ H ₅ ClO	Epichlorohydrin	116.45	110.12	48.5	243
1590	C ₂ H ₅ ClO ₂	Methyl chloroacetate	129.95	120.8	94	255
1591	C ₂ H ₅ O	Allyl alcohol	96.95	93.15	55	207, 257*
1592	C ₂ H ₅ O ₂	Propionic acid	140.9	119.1	91.5	207
1593	C ₂ H ₇ ClO	1-Chloro-2-propanol	127.0	113.0	72	247
1594	C ₂ H ₇ ClO	2-Chloro-1-propanol	133.7	115.0	87	247
1595	C ₂ H ₇ NO	Propionamide	222.1	Nonazeotrope		207
1596	C ₂ H ₇ NO ₂	Ethyl carbamate	185.25	<120.8	<96	244
1597	C ₂ H ₇ NO ₂	Propyl nitrate	110.5	109.6	18	240
1598	C ₂ H ₉ O	Isopropyl alcohol	82.4	81.7	30	215
1599	C ₂ H ₉ O	Propyl alcohol	97.25	94.05	52	215
1600	C ₂ H ₉ O ₂	2-Methoxyethanol	124.5	109.7	75.5	250
1601	C ₄ H ₅ N	Pyrrol	130.0	113.35	80.5	233
1602	C ₄ H ₉ O ₂	Butyric acid	164.0	121.0	98.8	207
1603	C ₄ H ₉ O ₂	Butyric acid	162.45	Nonazeotrope		221
1604	C ₄ H ₉ O ₂	Dioxane	101.35	Nonazeotrope		207
1605	C ₄ H ₉ O ₂	Isobutyric acid	154.35	120.5	~97	221
1606	C ₄ H ₉ O ₂	Methyl lactate	143.8	120.0	90	255
1607	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	119.2	40	229
1608	C ₄ H ₉ NO ₂	Isobutyl nitrate	122.9	117.45	70	240
1609	C ₄ H ₁₀ O	Butyl alcohol	117.75	108.95	71	254
1610	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	97.0	43	247
1611	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	Nonazeotrope		255
1612	C ₄ H ₁₀ O	Isobutyl alcohol	108	103.05	60	243
1613	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	116.25	83.5	207
1614	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
1615	C ₅ H ₅ N	Pyridine	115.4	112.85	51.5	233
1616	C ₅ H ₅ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		255
1617	C ₅ H ₉ O	Cyclopentanone	130.65	120.1	86	232
1618	C ₅ H ₉ N	Isovaleronitrile	130.5	113.5	72	242
1619	C ₅ H ₁₀ O	Cyclopentanol	140.85	118.8	92	247
1620	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		207
1621	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.0	118.55	74	227
1622	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	120.9	96	236
1623	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	119.25	48	229
1624	C ₅ H ₁₂ O	Amyl alcohol	138.2	117.0	85	247
1625	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	101.4	27	247
1626	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	116.2	81	207
1627	C ₅ H ₁₂ O	2-Pentanol	119.8	113.2	66	247
1628	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	120.6	95	207
1629	C ₅ H ₁₀ O	Mesityl oxide	129.45	119.8	83.5	207
1630	C ₅ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
1631	C ₆ H ₁₂ O	3-Hexanone	123.3	118.15	55	232
1632	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	113.85	48	250
1633	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	120.1	79	207
1634	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	120.5	...	227
1635	C ₆ H ₁₂ O ₂	Ethyl butyrate	119.9	119.5	57	227
1636	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		243
1637	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	117.9	65	227
1638	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	115.5	47	253
1639	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
1640	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	120.0	...	227

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂Cl₄	Tetrachloroethylene (<i>continued</i>)	121.1			
1641	C ₆ H ₁₂ O ₃	Paraldehyde	124	118.75	68	243
1642	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		206
1643	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	117.5	48	218
1644	C ₇ H ₈	Toluene	110.75	Nonazeotrope		218
1645	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
1646	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		227
1647	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	119.0	45	227
1648	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		227
1649	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
1650	C ₈ H ₁₆	1,3-Dimethylcyclohexane	~120.5	118	....	243
1651	C ₈ H ₁₈	Octane	125.75	<120.5	<92	255
1652	C ₈ H ₁₈ O	Isobutyl ether	122.2	~119.5	~65	228
A =	C₂Cl₆	Hexachloroethane	185			
1653	C ₂ HCl ₃ O ₂	Trichloroacetic acid	196	181	85	243
1654	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	171.2	75	209
1655	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		215
1656	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		210
1657	C ₂ H ₆ SO ₄	Methyl sulfate	189.1	<181.5	<72	255
1658	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		215
1659	C ₄ H ₆ O ₄	Methyl oxalate	164.2	Nonazeotrope		227
1660	C ₄ H ₈ O ₂	Butyric acid	162.45	162.0	....	222
1661	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		236
1662	C ₅ H ₈ O ₄	Methyl malonate	181.4	176.0	45	218
1663	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	172.6	63	207
1664	C ₅ H ₁₀ O ₂	Valeric acid	186.35	179.0	70	242
1665	C ₆ H ₆ O	Phenol	182.2	173.7	~70	254
1666	C ₆ H ₇ N	Aniline	184.35	176.75	66	231
1667	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	172.5	51	232
1668	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		255
1669	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	178.6	57	254
1670	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	<184.0	....	227
1671	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		211
1672	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		243
1673	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	~183.5	~70	210
1674	C ₇ H ₈ O	Benzyl alcohol	205.15	182.0	88	209
1675	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	183.2	92	255
1676	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		222
1677	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	181.3	72	218
1678	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	183.0	90	242
1679	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	Nonazeotrope		227
1680	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		227
1681	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		227
1682	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		218
1683	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
1684	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	184.0	<80	227
1685	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
1686	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
1687	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		210
1688	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
1689	C ₁₀ H ₁₆	Terpinolene	~185	~182.5	....	243
1690	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		210
1691	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		243
1692	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		228
1693	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		212
1694	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		227
A =	C₂HBrCl₂	<i>cis</i>-1-Bromo-1,2-dichloro-ethylene	113.8			
1695	C ₂ H ₆ O	Ethyl alcohol	78.3	77.4	30.9	407
A =	C₂HBrCl₂	<i>trans</i>-1-Bromo-1,2-dichloroethylene	....		
1696	C ₂ H ₆ O	Ethyl alcohol	78.3	74.9	65.5	407
A =	C₂HBrCl₂	<i>trans</i>-1-Bromo-2,2-dichloro-ethylene	107-108			
1697	C ₂ H ₆ O	Ethyl alcohol	78.3	77.25	39.5	407

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂HBr₂Cl	1,2-Dibromochloroethylene	140			
1698	C ₂ H ₆ O	Ethyl alcohol	78.3	74.9	65.5	213
1699	C ₄ H ₁₀ O	Butyl alcohol	117.75	117.0	...	213
A =	C₂HBr₂O	Bromal	174			
1700	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	~170.3	...	243
A =	C₂HCIF₄	Tetrafluorochloroethane	-10			
1701	C ₄ F ₈	Octafluorocyclobutane	-4	-12	80 vol.	22
A =	C₂HCl₃	Trichloroethylene	86.9			
1702	C ₂ H ₃ N	Acetonitrile, 778 mm.	81.6	74.6	71	309
					V-l.	309
1703	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	82.1	43.5	321
1704	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	82.6	18	229
1705	C ₂ H ₄ O ₂	Acetic acid	118.5	86.5	96.2	225
1706	C ₂ H ₅ BrO	2-Bromoethanol	150.2			255
1707	C ₂ H ₅ ClO	2-Chloroethanol	128.6			244
1708	C ₂ H ₅ ClO	2-Chloroethanol	128.6	86.55	97.5	207
1709	C ₂ H ₅ NO ₂	Ethyl nitrate	87	83.5	62	207
1710	C ₂ H ₆ O	Ethyl alcohol	78.3	70.9	72.5	126, 323*, 337*
					V-l.	
1711	C ₂ H ₆ O ₂	Glycol	197.4			255
1712	C ₃ H ₆ O	Acetone	56.15			232
1713	C ₃ H ₆ O	Allyl alcohol	96.9	80.9	84.4	149, 243*
1714	C ₃ H ₆ O ₂	Methyl carbonate	90.35	85.95	90	207
1715	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0			255
1716	C ₃ H ₇ ClO	2-Chloro-1-propanol	133.7			255
1717	C ₃ H ₇ I	2-Iodopropane	89.45	<86.5	<88	255
1718	C ₃ H ₈ O	Isopropyl alcohol	82.45	75.5	70	253
1719	C ₃ H ₈ O	Propyl alcohol	97.2	81.75	83	243
1720	C ₃ H ₉ BO ₂	Methyl borate	68.7			255
1721	C ₄ H ₄ S	Thiophene	84			243
1722	C ₄ H ₈ O	2-Butanone	79.6			232
1723	C ₄ H ₈ O ₂	Butyric acid	162.5			277
1724	C ₄ H ₈ O ₂	Dioxane	101.35			207
1725	C ₄ H ₈ O ₂	Ethyl acetate	77.05			243
1726	C ₄ H ₈ O ₂	Methyl propionate	79.85			227
1727	C ₄ H ₈ O ₂	Propyl formate	80.85	79.5	20	227
1728	C ₄ H ₉ NO ₂	Butyl nitrite	78.2			230
1729	C ₄ H ₁₀ O	Butyl alcohol	117.75	86.65	97	207
1730	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	84.2	85	247
1731	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	75.8	~67	212
1732	C ₄ H ₁₀ O	Isobutyl alcohol	108	85.4	91	243
1733	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	88			243
1734	C ₅ H ₁₀ O	Isovaleraldehyde	92.1			255
1735	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4			232
1736	C ₅ H ₁₀ O	3-Pentanone	102.05			232
1737	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1			255
1738	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2			227
1739	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5			255
1740	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5			227
1741	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15			230
1742	C ₅ H ₁₂ O	tert-Amyl alcohol	102.25	86.67	92.5	225
1743	C ₅ H ₁₂ O	Isoamyl alcohol	131.3			207
1744	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6			255
1745	C ₅ H ₁₂ O	2-Pentanol	119.8			255
1746	C ₅ H ₁₂ O	3-Pentanol	116.0			255
1747	C ₅ H ₁₂ O ₂	Diethoxymethane	87.9	89.2	53.5	248
1748	C ₆ H ₆	Benzene	80.2			243
1749	C ₆ H ₁₀	Cyclohexene	82.75			243
1750	C ₆ H ₁₂	Cyclohexane	80.75			243
1751	C ₆ H ₁₂	Methylcyclopentane	72.0			255
1752	C ₆ H ₁₄	Hexane	68.8			255
1753	C ₆ H ₁₄ O	Isopropyl ether	68.3			239
1754	C ₆ H ₁₄ O ₂	Acetal	103.55			239
1755	C ₇ H ₁₄	Methylcyclohexane	101.15			255
1756	C ₇ H ₁₆	Heptane	98.45			243

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₂HCl₃O	Chloral	97.75				
1757	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.75		Nonazeotrope		212
1758	C ₂ H ₅ NO ₂	Nitroethane	114.2		Nonazeotrope		255
1759	C ₂ H ₆ O	Ethyl alcohol	78.3	116.2	....		243
1760	C ₃ H ₅ I	3-Iodopropene	101.8	~97.0	~80		228
1761	C ₃ H ₆ O ₂	Methyl carbonate	90.35	~98.0	~85		228
1762	C ₃ H ₇ I	1-Iodopropane	102.4	~97.3	....		243
1763	C ₃ H ₇ I	2-Iodopropane	89.45		Nonazeotrope		228
1764	C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope		243
1765	C ₄ H ₈ O ₂	Propyl formate	80.85		Nonazeotrope		228
1766	C ₄ H ₉ Br	1-Bromobutane	101.5	96.5	....		255
1767	C ₄ H ₉ Br	1-Bromo-2-methylpropane	96.6		Azeotrope doubtful		243
1768	C ₄ H ₉ Cl	1-Chlorobutane	78.5		Nonazeotrope		255
1769	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8		Nonazeotrope		255
1770	C ₄ H ₁₀ O	Isobutyl alcohol	108	~138	....		243
1771	C ₅ H ₁₀ O	3-Pentanone	102.2	102.9	~23		243
1772	C ₅ H ₁₀ O ₂	Butyl formate	106.8		Nonazeotrope		225
1773	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	100.8	....		225
1774	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	100.1	~60		208
1775	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	98.2	~85		228
1776	C ₅ H ₁₀ O	Methyl butyrate	102.65	103.3	45		225
1777	C ₅ H ₁₀ O	Methyl isobutyrate	92.3	98.2	~90		225
1778	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	102.55	50.5		208
1779	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65		Nonazeotrope		255
1780	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	<97.0	<85		228
1781	C ₆ H ₆	Benzene	80.2		Nonazeotrope		208
1782	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope		225
1783	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope		255
1784	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1		Nonazeotrope		228
1785	C ₆ H ₁₄	Hexane	68.8		Nonazeotrope		255
1786	C ₇ H ₈	Toluene	110.75		Nonazeotrope		228
1787	C ₇ H ₁₄	Methylcyclohexane	100.95	94.45	57		252
1788	C ₇ H ₁₆	Heptane	98.45	93	53		225
1789	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7		Nonazeotrope		255
1790	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	<97.0	<90		225
1791	C ₈ H ₁₈	Octane	125.75		Nonazeotrope		258
A =	C₂HCl₃O₂	Trichloroacetic Acid	197.55				
1792	C ₂ HCl ₅	Pentachloroethane	161.95	161.8	3.5		254
1793	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35		Nonazeotrope		210
1794	C ₂ H ₄ O ₂	Methyl formate	31.9		Nonazeotrope		243
1795	C ₄ H ₁₀ O	Ethyl ether	34.6		Nonazeotrope		243
1796	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	<191.5	<47		255
1797	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	174.0	~12		210
1798	C ₆ H ₅ Br	Bromobenzene	156.1		Nonazeotrope		215
1799	C ₆ H ₅ I	Iodobenzene	188.55	~181	~25		243
1800	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope		234
1801	C ₆ H ₁₂ O ₂	Caproic acid	205.15	210.4?	45?		255
1802	C ₆ H ₁₂ O ₂	Caproic acid	204.5		Nonazeotrope		243
1803	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	180.0	~18		215
1804	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	~178.2	~14		210
1805	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2		Nonazeotrope		255
1806	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<196.8	....		255
1807	C ₇ H ₈ O	<i>m</i> -Cresol	202.8		Nonazeotrope		243
1808	C ₇ H ₈ O	<i>o</i> -Cresol	190.8		Nonazeotrope		243
1809	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Reacts		215
1810	C ₇ H ₈ O ₂	Guaiacol	205.05		Reacts		215
1811	C ₈ H ₈ O	Acetophenone	202.05		Nonazeotrope		210
1812	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope		210
1813	C ₁₀ H ₁₄	Butylbenzene	183.1	181.3	20		242
1814	C ₁₀ H ₁₄	Cymene	176.7	176.0?	....		255
1815	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171	....		243
1816	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2		Nonazeotrope		217
A =	C₂HCl₅	Pentachloroethane	162.0				
1817	C ₂ H ₂ BrO ₂	Bromoacetic acid	205.1		Nonazeotrope		207
1818	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	158.65	90.1		210

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₂HCl₅	Pentachloroethane (continued)	162.0			
1819	C ₂ H ₄ O ₂	Acetic acid	118.5		Nonazeotrope	222
1820	C ₂ H ₅ ClO	2-Chloroethanol	128.6		Nonazeotrope	206
1821	C ₂ H ₅ NO	Acetamide	221.2	160.5	97	254
1822	C ₂ H ₆ O ₂	Glycol	197.4	154.5	~85	208
1823	C ₂ H ₅ SO ₄	Methyl sulfate	189.1		Nonazeotrope	227
1824	C ₃ H ₅ BrO ₂	α-Bromopropionic acid	205.8		Nonazeotrope	255
1825	C ₃ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	175.1	159.7	77.5	209
1826	C ₃ H ₆ O ₂	Propionic acid	140.7		Nonazeotrope	243
1827	C ₃ H ₇ NO	Propionamide	222.1		Nonazeotrope	207
1828	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	159.8	91	207
1829	C ₄ H ₆ O ₄	Methyl oxalate	163.3	157.55	68	243
1830	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	158.5	30	203
1831	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55		Nonazeotrope	257
1832	C ₄ H ₈ O ₂	Butyric acid	163.5	156.75	74	245
1833	C ₄ H ₈ O ₂	Isobutyric acid	154.35	152.9	57	243
1834	C ₄ H ₈ O ₃	Methyl lactate	143.8		Nonazeotrope	253
1835	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3		Nonazeotrope	206
1836	C ₅ H ₄ O ₂	2-Furaldehyde	161.4	156.75	60	236
1837	...	.....	161.4	155.15	50	208
1838	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	<159.4	>40	243
1839	C ₅ H ₈ O ₄	Methyl malonate	181.5		Nonazeotrope	227
1840	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.5	160.5	60	255
1841	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	160.25	91	207
1842	C ₅ H ₁₀ O ₂	Valeric acid	186.35	161.5	97.2	207
1843	C ₅ H ₁₀ O ₃	Ethyl lactate	153.9	153.45	35	209
1844	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6		Nonazeotrope	255
1845	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	~149.6		Nonazeotrope	221
1846	C ₅ H ₁₂ O	Isoamyl alcohol	131.3		Nonazeotrope	207
1847	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35		Nonazeotrope	206
1848	C ₆ H ₆ Br	Bromobenzene	156.1		Nonazeotrope	255
1849	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8		Nonazeotrope	255
1850	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5	160	....	243
1851	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope	234
1852	C ₆ H ₆ O	Phenol	181.5	160.85	90.5	243
1853	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope	231
1854	C ₆ H ₁₀ O	Cyclohexanone	155.7	165.0	73	232
1855	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4		Nonazeotrope	232
1856	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65		Nonazeotrope	207
1857	C ₆ H ₁₁ BrO ₂	Ethyl α-bromoisobutyrate	178		Nonazeotrope	212
1858	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.5		Nonazeotrope	255
1859	C ₆ H ₁₂ O	Cyclohexanol	160.65	157.9	64	243
1860	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5		Nonazeotrope	255
1861	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8		Nonazeotrope	236
1862	C ₆ H ₁₂ O ₃	Propyl lactate	171.7		Nonazeotrope	243
1863	C ₆ H ₁₄ O	Hexyl alcohol	157.95	155.75	54	218
1864	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15		Nonazeotrope	255
1865	C ₆ H ₁₄ O ₃	Pinacol	174.35	158.8	~84	209
1866	C ₇ H ₆ O	Benzaldehyde	179.2		Nonazeotrope	216
1867	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2		Nonazeotrope	255
1868	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	161.3		Nonazeotrope	243
1869	C ₇ H ₈ O	Anisole	153.85		Nonazeotrope	209
1870	C ₇ H ₈ O	<i>o</i> -Cresol	190.8		Nonazeotrope	243
1871	C ₇ H ₁₄ O	Heptaldehyde	155		Max. b.p.	111
1872	C ₇ H ₁₄ O ₂	Amyl acetate	148.8		Nonazeotrope	255
1873	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45		Nonazeotrope	255
1874	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1		Nonazeotrope	255
1875	C ₇ H ₁₄ O ₂	Methyl caproate	149.8		Nonazeotrope	255
1876	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7		Nonazeotrope	255
1877	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75		Nonazeotrope	255
1878	C ₇ H ₁₆ O	Heptyl alcohol	176.15		Nonazeotrope	255
1879	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75		Nonazeotrope	239
1880	C ₈ H ₈	Styrene	145.8		Nonazeotrope	255
1881	C ₈ H ₁₀	<i>o</i> -Xylene	144.3		Nonazeotrope	255
1882	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	239
1883	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	239
1884	C ₈ H ₁₀ O	Phenetole	170.35		Nonazeotrope	210

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₂HCl₅	Pentachloroethane (<i>continued</i>)	162.0				
1885	C ₈ H ₁₄ O	Methyl heptenone	173.2	Nonazeotrope		232	
1886	C ₈ H ₁₆ O	2-Octanone	174.1	Nonazeotrope		253	
1887	C ₈ H ₁₆ O ₂	Ethyl caproate	167.8	Nonazeotrope		227	
1888	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		255	
1889	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	158.7	50	243	
1890	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	<156.5	...	227	
1891	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		227	
1892	C ₈ H ₁₈ O	<i>sec</i> -Octanol	179.0	Nonazeotrope		209	
1893	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255	
1894	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255	
1895	C ₉ H ₁₂	Mesitylene	164.6	166.0	40	209	
1896	C ₉ H ₁₂	Pseudocumene	168.2	>168.35	<22	255	
1897	C ₉ H ₁₂	Pseudocumene	169	Nonazeotrope		243	
1898	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidene	185.3	Nonazeotrope		231	
1899	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	169.0	35	232	
1900	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255	
1901	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		218	
1902	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255	
1903	C ₁₀ H ₁₆	Camphene	159.6	159.5	3	209	
1904	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		255	
1905	C ₁₀ H ₁₆	α -Pinene	155.8	155.6	11	209	
1906	C ₁₀ H ₁₆	Nopinene	163.8	160.7	>62	242	
1907	C ₁₀ H ₁₆	Nopinene	163.8	~166	~42	243	
1908	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255	
1909	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	Nonazeotrope		255	
1910	C ₁₀ H ₁₈ O	Cineol	176.4	Nonazeotrope		208	
1911	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope		255	
1912	C ₁₀ H ₂₂ O	Isoamyl ether	173.5	Nonazeotrope		228	
A =	C₂H₂	Acetylene	-84				
1913	C ₂ H ₄	Ethylene	-103.9	Min. b.p.		72	
1914	C ₂ H ₆	Ethane	-88.3	-94.5	40.75	195*, 267	
A =	C₂H₂BrCl	<i>cis</i>-1-Bromo-2-chloroethylene	106.7				
1915	C ₂ H ₆ O	Ethyl alcohol	78.3	72.4	73.3	213	
1916	C ₆ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		255	
1917	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255	
1918	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		255	
A =	C₂H₂BrCl	<i>trans</i>-1-Bromo-2-chloroethylene	75.3				
1920	C ₂ H ₆ O	Ethyl alcohol	78.3	66.3	82	213	
A =	C₂H₂BrI	<i>cis</i>-1-Bromo-2-iodoethylene	149.05				
1921	C ₂ H ₄ O ₂	Acetic acid	118.1	115.6	40.5	255	
1922	C ₃ H ₆ O ₂	Propionic acid	141.3	135.3	65.2	255	
1923	C ₄ H ₁₀ O	Butyl alcohol	117.8	117.3	32.4	255	
1924	C ₈ H ₁₆ O ₂	Butyl butyrate	165.8	141.5	55	255	
A =	C₂H₂Br₂	<i>cis</i>-1,2-Dibromoethylene	112.5				
1925	C ₂ H ₆ O	Ethyl alcohol	78.3	77.7	32.5	243	
A =	C₂H₂Br₂	<i>trans</i>-1,2-Dibromoethylene	108				
1926	C ₂ H ₆ O	Ethyl alcohol	78.3	75.6	64	243	
A =	C₂H₂ClI	<i>cis</i>-1-Chloro-2-iodoethylene	116-117				
1927	C ₃ H ₈ O	Propyl alcohol	97.20	93.6	55.6	407	
1928	C ₄ H ₁₀ O	Butyl alcohol	117.8	108.5	75	255	
A =	C₂H₂ClI	<i>trans</i>-1-Chloro-2-iodoethylene	113-114				
1929	C ₃ H ₈ O	Propyl alcohol	97.20	87.5	96	407	
A =	C₂H₂Cl₂	<i>cis</i>-1,2-Dichloroethylene	60.25				
1930	C ₂ H ₆ O	Ethyl alcohol	78.3	57.7	90.20	71	
1931	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255	
A =	C₂H₂Cl₂	<i>trans</i>-1,2-Dichloroethylene	48.35				
1932	C ₂ H ₆ O	Ethyl alcohol	78.3	46.5	94.0	71	

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₂H₂Cl₂O₂	Dichloroacetic Acid	190			
1933	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		243
1934	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		243
1935	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
1936	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		243
1937	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	175.5	25	243
1938	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		224
1939	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	~189	....	243
1940	C ₇ H ₈ O ₂	Guaiacol	205.05	Reacts		255
A =	C₂H₂Cl₄	1,1,2,2-Tetrachloroethane	146.25			
1941	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	Nonazeotrope		255
1942	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	146.25	98.2	210
1943	C ₂ H ₄ Cl ₂ O	2,2-Dichloroethanol	146.2	<144.0	52	255
1944	C ₂ H ₄ O ₂	Acetic acid	118.5	Nonazeotrope		243
1945	C ₂ H ₅ BrO	2-Bromoethanol	150.2	141.5	....	255
1946	C ₂ H ₅ ClO	2-Chloroethanol	128.6	128.2	31	244
1947	C ₂ H ₅ IO	2-Iodoethanol	176.5	Nonazeotrope		255
1948	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		207
1949	C ₂ H ₆ O ₂	Glycol	197.4	144.9	93	206
1950	C ₂ H ₅ ClO ₂	Methyl chloroacetate	130.0	Nonazeotrope		212
1951	C ₂ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	Nonazeotrope		243
1952	C ₃ H ₆ O ₂	Propionic acid	140.7	140.4	40	159, 207*
1953	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		255
1954	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		207
1955	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		244
1956	C ₃ H ₈ O	Propyl alcohol	97.25	Nonazeotrope		254
1957	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		206
1958	C ₄ H ₆ O ₄	Methyl oxalate	164.2	Nonazeotrope		227
1959	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.2	Nonazeotrope		212
1960	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.6	147.45	73	208
1961	C ₄ H ₈ O ₂	Butyric acid	162.45	145.65	96.2	207
1962	C ₄ H ₈ O ₂	Isobutyric acid	154.35	144.8	93	243
1963	C ₄ H ₈ O ₂	Methyl lactate	143.8	Nonazeotrope		252
1964	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		207
1965	C ₄ H ₁₀ O	Isobutyl alcohol	107	Nonazeotrope, V-l.		125
1966	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		236
1967	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	161.55	3	236
1968	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		255
1969	C ₅ H ₈ O ₂	Methyl acetoacetate	169.5	Nonazeotrope		243
1970	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.5	Nonazeotrope		255
1971	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		207
1972	C ₅ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		207
1973	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.0	Nonazeotrope		227
1974	C ₅ H ₁₀ O ₂	Ethyl lactate	153.9	Nonazeotrope		253
1975	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	150.9	63	207
1976	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		252
1977	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		240
1978	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		207
1979	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	131.25	2	209
1980	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		236
1981	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		255
1982	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5	Nonazeotrope		243
1983	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
1984	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		243
1985	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		231
1986	C ₆ H ₁₀ O	Cyclohexanone	155.7	159.0	45	232
1987	C ₆ H ₁₀ O	Mesityl oxide	129.4	147.5	85	253
1988	C ₆ H ₁₀ S	Allyl sulfide	139.35	>148.5	....	246
1989	C ₆ H ₁₂ O	Cyclohexanol	160.7	Nonazeotrope		212
1990	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		255
1991	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	158.25	26	236
1992	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
1993	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		206
1994	C ₆ H ₁₄ S	Propyl sulfide	141.5	>150.0	82	242
1995	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
1996	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		252

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref
A =	C₂H₂Cl₄	1,1,2,2-Tetrachloroethane	146.25			
		<i>(continued)</i>				
1997	C ₇ H ₁₄ O	Heptaldehyde	155	Max. b.p.		111
1998	C ₇ H ₁₄ O	4-Heptanone	143.55	148.5	...	232
1999	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	153.1	40	242
2000	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	152.5	55	227
2001	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	147.0	...	218
2002	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	150.1	68	210
			138.8	Nonazeotrope		243
2003	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	>148.5	90	252
			136.9	Nonazeotrope		243
2004	C ₇ H ₁₄ O ₂	Methyl caproate	149.7	153	50	253
2005	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	150.2	66	218
2006	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
2007	C ₇ H ₁₄ O ₂	Ethyl orthoformate	145.75	151.5	61	248
2008	C ₈ H ₈	Styrene	145.7	~143.5	~55	243
2009	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
2010	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
2011	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
2012	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
2013	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		226
2014	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
2015	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	158.0	~88	218
2016	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	151.5	65	253
2017	C ₈ H ₁₈ O	Butyl ether	142.2	148.0	70	239
2018	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
A =	C₂H₃Br	Bromoethylene	15.8			
2019	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		243
2020	C ₂ H ₅ Cl	Chloroethane	13.3	Nonazeotrope		243
2021	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	<14.8	>64	230
2022	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		212
2023	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		230
2024	C ₅ H ₈	Isoprene	34.3	Nonazeotrope		255
2025	C ₅ H ₁₀	3-Methyl-1-butene	20.6	<15.0	<78	255
2026	C ₅ H ₁₂	2-Methylbutane	27.95	<13.0	75	255
2027	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		255
A =	C₂H₃BrO₂	Bromoacetic Acid	205.1			
2028	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	<201.5	>55	207
2029	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	177.0	16	255
2030	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	172.8	13	207
2031	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		207
2032	C ₆ H ₅ I	Iodobenzene	188.45	<184.3	20	255
2033	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	202.25	63	234
2034	C ₆ H ₁₂ O ₂	Caproic acid	205.15	204.4	...	255
2035	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	181.2	...	207
2036	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	179.0	18	207
2037	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<198.0	54	255
2038	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		243
2039	C ₇ H ₈ O ₂	Guaiacol	205.05	203.7	40	207
			205.1	Nonazeotrope		243
2040	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		255
2041	C ₈ H ₈ O	Acetophenone	202.0	206.5	70	207
2042	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		207
2043	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		207
2044	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		255
2045	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
2046	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
2047	C ₁₀ H ₈	Naphthalene	218.0	<201.3	>72	242
2048	C ₁₀ H ₁₄	Butylbenzene	183.1	179.5	25	242
2049	C ₁₀ H ₁₄	Cymene	176.7	174.7	15	242
2050	C ₁₁ H ₁₆	2-Methylnaphthalene	241.15	Nonazeotrope		255
2051	C ₁₁ H ₂₀ O	Terpineol methyl ether	216	Reacts		243
2052	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<199.0	<76	242

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₃Cl	Chloroethylene	-13.6			<i>93</i>
2053	C ₄ H ₆	1,3-Butadiene	-4.5		Nonazeotrope	
2054	C ₄ H ₈	1-Butene	-6		Nonazeotrope	<i>93</i>
A =	C₂H₃ClO₂	Chloroacetic Acid	189.35			
2055	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.65		Nonazeotrope	<i>215</i>
2056	C ₂ H ₄ O ₂	Methyl formate	31.9		Nonazeotrope	<i>243</i>
2057	C ₂ H ₆ SO ₄	Methyl sulfate	189.1	194.5?	...	<i>255</i>
2058	C ₇ H ₈ Cl ₃	1,2,3-Trichloropropane	156.85	154.5	10	<i>254</i>
2059	C ₃ H ₈ O	Propyl alcohol	97.2		Nonazeotrope	<i>255</i>
2060	C ₄ H ₈ O ₄	Methyl oxalate	164.45		Nonazeotrope	<i>255</i>
2061	C ₄ H ₁₀ O	Ethyl ether	34.6		Nonazeotrope	<i>243</i>
2062	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5		Nonazeotrope	<i>243</i>
2063	C ₅ H ₁₀ O ₂	Valeric acid	186.35	186.33	3	<i>207</i>
2064	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	147.65	147.4	...	<i>225</i>
2065	C ₆ H ₅ Cl ₃	1,3,5-Trichlorobenzene	208.4	<185.0	<72	<i>255</i>
2066	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	<181.5	<58	<i>255</i>
2067	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	186.3	74	<i>215</i>
2068	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	170.8	28	<i>225</i>
2069	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.1	167.55	24.5	<i>209</i>
2070	C ₆ H ₅ Br	Bromobenzene	156.1	154.3	11	<i>253</i>
2071	C ₆ H ₅ Cl	Chlorobenzene	132.0		Nonazeotrope	<i>253</i>
2072	C ₆ H ₅ I	Iodobenzene	188.55	175.3	~35	<i>243</i>
2073	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope	<i>234</i>
2074	C ₆ H ₅ O	Phenol	181.5		Nonazeotrope	<i>243</i>
2075	C ₆ H ₈ O ₄	Methyl fumarate	193.25	195.7	42	<i>250</i>
2076	C ₆ H ₈ O ₄	Methyl maleate	204.05		Nonazeotrope	<i>255</i>
2077	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	197.0	28	<i>242</i>
2078	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	190.25	70	<i>248</i>
2079	C ₆ H ₁₂ O ₂	Caproic acid	205.15		Nonazeotrope	<i>255</i>
2080	C ₇ H ₈ Cl ₂	α,α -Dichlorotoluene	205.2	189.1	97	<i>218</i>
			205.1		Nonazeotrope	<i>243</i>
2081	C ₇ H ₇ O	Benzaldehyde	179.2		Azeotrope doubtful	<i>243</i>
2082	C ₇ H ₇ Br	α -Bromotoluene	198.5	~183	~82	<i>243</i>
2083	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	183.8	174	30	<i>207</i>
2084	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	172.95	32	<i>243</i>
2085	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	174.1	34	<i>254</i>
2086	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	173.8	25	<i>210</i>
2087	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	156.8	12	<i>225</i>
2088	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	159.3	14	<i>225</i>
2089	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<184.8	<78	<i>255</i>
2090	C ₇ H ₈ O	<i>m</i> -Cresol	202.2		Nonazeotrope	<i>255</i>
2091	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	187.5	~54	<i>215</i>
			191.8		Nonazeotrope	<i>243</i>
2092	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	<i>224</i>
2093	C ₇ H ₈ O ₂	Guaiacol	205.05		Nonazeotrope	<i>255</i>
2094	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5		Nonazeotrope	<i>243</i>
2095	C ₈ H ₈	Styrene	145.8	144.8	14	<i>242</i>
2096	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	<i>255</i>
2097	C ₈ H ₈ O ₂	Phenyl acetate	195.7		Nonazeotrope	<i>255</i>
2098	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	<i>255</i>
2099	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.5	12	<i>242</i>
2100	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	139.05	7	<i>207</i>
2101	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	138.35	4?	<i>255</i>
2102	C ₈ H ₁₀ O	Phenetole	171.5		Nonazeotrope	<i>243</i>
2103	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	195.7	42	<i>206</i>
2104	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope	<i>255</i>
2105	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7		Nonazeotrope	<i>255</i>
2106	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5		Nonazeotrope	<i>255</i>
2107	C ₈ H ₁₈	Octane	125.75		Nonazeotrope	<i>255</i>
2108	C ₉ H ₈	Indene	182.5	174.5	...	<i>255</i>
2109	C ₉ H ₁₂	Cumene	152.8	150.8	21	<i>242</i>
2110	C ₉ H ₁₂	Mesitylene	164.6	162	17	<i>253</i>
2111	C ₉ H ₁₂	Propylbenzene	158.9	156.0	...	<i>225</i>
2112	C ₉ H ₁₂	Pseudocumene	168.2	162.8	34	<i>242</i>
2113	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6		Nonazeotrope	<i>255</i>
2114	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	185.5	48	<i>242</i>

TABLE I. BINARY SYSTEMS

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₂H₃ClO₂	Chloroacetic Acid (continued)	189.35			
2115	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
2116	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
2117	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	187.5	67	242
2118	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	192.5	40	242
2119	C ₁₀ H ₈	Naphthalene	218.05	187.1	78	210
			218.05	Nonazeotrope		208
2120	C ₁₀ H ₁₄	Butylbenzene	183.1	172.8	52	242
2121	C ₁₀ H ₁₄	Cymene	175.3	166	~35	243
2122	C ₁₀ H ₁₄	Cymene	176.7	169.0	42	242
2123	C ₁₀ H ₁₆	Camphene	159.6	~154.7	~15	210
2124	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	167.8	34	243
2125	C ₁₀ H ₁₆	Nopinene	163.8	157.6	30	242
2126	C ₁₀ H ₁₆	α -Phellandrene	171.5	~163.5	~20	243
2127	C ₁₀ H ₁₆	α -Pinene	155.8	152.0	...	225
2128	C ₁₀ H ₁₆	α -Terpinene	173.4	166.0	...	255
2129	C ₁₀ H ₁₆	Terpinolene	185	~173	~47	243
2130	C ₁₀ H ₁₆	Terpinene	180.5	170	~38	243
2131	C ₁₀ H ₁₆	Terpinene	181.5	170	...	225
2132	C ₁₀ H ₁₈ O	Cineol	176.4	Nonazeotrope		236
2133	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	187.7	65	244
2134	C ₁₀ H ₂₂	Decane	173.3	165.2	42	
2135	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	155.7	28	255
2136	C ₁₀ H ₂₂ O	Amyl ether	187.5	<184.3	<50	255
2137	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.95	16	236
2138	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		217
2139	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
2140	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	Reacts		243
2141	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	185.5	75	242
A =	C₂H₃Cl₃	1,1,2-Trichloroethane	113.65			
2142	C ₂ H ₄ O ₂	Acetic acid	118.1	106.0	70	242
2143	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		215
2144	C ₂ H ₆ O	Ethyl alcohol	78.3	77.8	30	212
2145	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		255
2146	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope, V-l.		400
2147	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		255
2148	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		255
2149	C ₄ H ₈ O ₂	Dioxane	101	Max. b.p.		111
2150	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	<103.8	>62	255
2151	C ₅ H ₅ N	Pyridine	115	Max. b.p.		111
2152	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255
2153	C ₅ H ₁₂ O ₂	Ethyl butyrate	121	Max. b.p.		111
2154	C ₅ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		227
2155	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
A =	C₂H₃Cl₃O	Methyl Trichloromethyl Ether	131.2			
2156	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	123.0	75?	255
2157	C ₄ H ₅ N	Pyrrrol	130.0	<127.5	...	255
2158	C ₅ H ₈ O	Cyclopentanone	130.65	<130.2	...	255
2159	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		255
2160	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		255
2161	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
A =	C₂H₃Cl₃O₂	Chloral Hydrate	97.5			
2162	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		243
2163	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	~96.5	...	243
2164	C ₆ H ₆ Cl	Chlorobenzene	131.8	Nonazeotrope		243
2165	C ₆ H ₁₂	Cyclohexane	80.75	76	~22	243
A =	C₂H₃N	Acetonitrile	81.6			
2166	C ₂ H ₅ I	Iodoethane	72.3	<64.2	...	245
2167	C ₂ H ₆ O	Ethyl alcohol	78.3	72.5	44	243
2168	C ₃ H ₆ O	Acetone	56.4	Nonazeotrope, V-l.		309
2169	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		245
2170	C ₃ H ₇ Br	1-Bromopropane	71.0	63.0	22	245

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₃N	Acetonitrile^r (continued)	81.6			
2171	C ₃ H ₈	Propane, 280 lb./sq. inch abs.	...	55	2.2	182
2172	C ₃ H ₈ O	Isopropyl alcohol	82.5	74.5	52	207
2173	C ₃ H ₈ O	Propyl alcohol	97.2	81.2	~72	243
2174	C ₂ H ₆ SiCl	Chlorotrimethylsilane	57.5	56	7.4	340, 342*
2175	C ₄ H ₈ O ₂	Ethyl acetate	77.1	74.8	23	207
2176	C ₄ H ₈ O ₂	Methyl propionate	79.85	76.2	30	245
2177	C ₄ H ₈ O ₂	Propyl formate	80.85	76.5	33	245
2178	C ₄ H ₉ Br	1-Bromobutane	101.5	<79.0	....	245
2179	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	<74.5	....	245
2180	C ₄ H ₉ Cl	1-Chlorobutane	78.5	67.2	33	245
2181	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	62.0	20	245
2182	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	<77.0	....	255
2183	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		255
2184	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		245
2185	C ₅ H ₁₀	Cyclopentane	49.3	<44.5	<14	245
2186	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		245
2187	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	79.5	60	245
2188	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	Nonazeotrope		245
2189	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
2190	C ₅ H ₁₂	Pentane	36	....	10	182
2191	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	Nonazeotrope		245
2192	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		245
2193	C ₆ H ₆	Benzene	80.1	73	34	29*, 250*, 309
2194	C ₆ H ₁₂	Cyclohexane	80.8	62.2	33 vol.	29, 245*
2195	C ₆ H ₁₂	Methylcyclopentane	72.0	<60.5	....	245
2196	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	48	13	207
2197	C ₆ H ₁₄	Hexane	68.8	56.8	25 vol.	29, 182*, 245*
2198	C ₇ H ₈	Toluene	110.7	81.1	78 vol.	29, 245*
2199	C ₇ H ₁₄	Methylcyclohexane	100.8	71.1	51 vol.	29
2200	C ₇ H ₁₆	Heptane	98.4	69.4	44 vol.	29, 182*, 245*
2201	C ₈ H ₁₀	Ethylbenzene	136.2	Nonazeotrope		29
2202	C ₈ H ₁₀	Mixed xylenes	138-144	Nonazeotrope		29
2203	C ₈ H ₁₆	1-Octene	121.6	78.0	60 vol.	29
2204	C ₈ H ₁₆	2-Octene	125.2	78.0	62 vol.	29
2205	C ₈ H ₁₈	2,5-Dimethylhexane	209.4	<75.5	....	245
2206	C ₈ H ₁₈	2-Methyl-3-ethylpentane	114	65	55	182
2207	C ₈ H ₁₈	Octane	125.6	77.2	64 vol.	29
2208	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.2	68.9	38 vol.	29
2209	C ₈ H ₂₀	2,2,5-Trimethylhexane	120.1	76.1	58 vol.	29
2210	C ₁₀ H ₂₀	1-Decene	172.0	81.6	95 vol.	29
A =	C₂H₃NS	Methyl Thiocyanate	132.5			
2212	C ₄ H ₉ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		255
A =	C₂H₄	Ethylene	-103.9			
2213	C ₂ H ₆	Ethane	-88.3	Nonazeotrope		72
A =	C₂H₄BrCl	1-Bromo-2-chloroethane	106.7			
2214	C ₂ H ₄ O ₂	Acetic acid	118.5	~102	~87	243
2215	C ₂ H ₆ O	Ethyl alcohol	78.3	~76.5	~50	243
2216	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		255
2217	C ₂ H ₅ ClO	Epichlorohydrin	116.45	103.5	83	243
2218	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		255
2219	C ₄ H ₁₀ O	Isobutyl alcohol	108	100	....	243
2220	C ₅ H ₁₀ O	2-Pentanone	102.25	Nonazeotrope		243
2221	C ₅ H ₁₀ O	3-Pentanone	102.2	Nonazeotrope		243
2222	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		243
2223	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		243
2224	C ₆ H ₁₄ O ₂	Acetal	103.55	108.5	65	239
2225	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.8	>8	255

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₂H₄Br₂	1,1-Dibromoethane	109.5			
2226	C ₂ H ₄ O ₂	Acetic acid	118.1	103.7	75	242
2227	C ₂ H ₅ ClO	2-Chloroethanol	128.6	108.5	?	255
2228	C ₂ H ₅ NO	Acetamide	221.15	Nonazeotrope		255
2229	C ₂ H ₆ O	Ethyl alcohol	78.3	77	46	243
2230	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		255
2231	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		255
2232	C ₃ H ₇ NO ₂	Propyl nitrate	110.5	<109.2	>58	240
2233	C ₃ H ₈ O	Isopropyl alcohol	82.4	<82.0	....	255
2234	C ₃ H ₈ O	Propyl alcohol	97.2	<94.0	>57	247
2235	C ₄ H ₈ N	Pyrrrol	130.0	Nonazeotrope		233
2236	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		255
2237	C ₄ H ₁₀ O	Butyl alcohol	117.8	104.5	80	247
2238	C ₄ H ₁₀ O	Isobutyl alcohol	108	101	....	243
2239	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		232
2240	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	Nonazeotrope		243
2241	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		227
2242	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		230
2243	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	<101.3	>45	255
2244	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		255
2245	C ₅ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		232
2246	C ₅ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		243
2247	C ₅ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		239
2248	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
2249	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		255
2250	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		239
A =	C₂H₄Br₂	1,2-Dibromoethane	131.5			
2251	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	Nonazeotrope		243
2252	C ₂ H ₄ O ₂	Acetic acid	118.5	114.35	45	243
2253	C ₂ H ₅ BrO	2-Bromoethanol	150.2	130.5	90	255
2254	C ₂ H ₅ ClO	2-Chloroethanol	128.6	122.3	66.5	206
2255	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		207
2256	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		254
2257	C ₂ H ₆ O ₂	Glycol	197.4	130.85	96.5	254
2258	C ₃ H ₆ BrO	Epibromohydrin	138.5	<128.8	<80	255
2259	C ₃ H ₆ ClO ₂	Methylchloroacetate	129.95	127.7	56	252
2260	C ₃ H ₆ Br ₂	1,2-Dibromopropane	141	134	50	243
2261	C ₃ H ₆ O	Allyl alcohol	96.85	<96.7	....	255
2262	C ₃ H ₆ O	Allyl alcohol	96.95	Nonazeotrope		212
2263	C ₃ H ₆ O ₂	Propionic acid	140.7	127.75	82.5	243
2264	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	<124.8	>38	255
2265	C ₃ H ₇ ClO	2-Chloro-1-propanol	133.7	128.0	67	246
2266	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		215
2267	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		207
2268	C ₃ H ₇ NO ₂	1-Nitropropane, 75° C	75/115	75/133.0	73	198
		120° C.	120/550.2	120/612.7	72	198
2269	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		212
2270	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		253
2271	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	120.55	63.5	207
2272	C ₄ H ₈ N	Pyrrrol	130.0	126.5	67	233
2273	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.6	Nonazeotrope		212
2274	C ₄ H ₈ O ₂	Butyric acid	162.45	131.1	96.5	207
2275	C ₄ H ₈ O ₂	Isobutyric acid	154.35	130.5	93.5	221
2276	C ₄ H ₈ O ₃	Methyl lactate	143.8	130.0	82	247
2277	C ₄ H ₉ I	1-Iodobutane	130.4	129.0	65	242
2278	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	Nonazeotrope		
				B.p. curve		163
2279	C ₄ H ₁₀ O	Butyl alcohol	117.75	114.75	56	254
2280	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		255
2281	C ₄ H ₁₀ O	Isobutyl alcohol	108	105	38	253*, 334
2282	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	127.75	77	236
2283	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
2284	C ₅ H ₆ N	Pyridine	115.5	Nonazeotrope		223
2285	C ₅ H ₉ N	Valeronitrile	141.3	<129.5	<83	255
2286	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		207
2287	C ₅ H ₁₀ O ₃	Ethyl carbonate	125.9	Nonazeotrope		252

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	$C_2H_4Br_2$	1,2-Dibromoethane (<i>continued</i>)	131.5			
2288	$C_6H_{10}O_2$	2-Methoxyethyl acetate	144.6	Nonazeotrope		236
2289	$C_8H_{12}O$	Amyl alcohol	138.2	<127.3	<78	247
2290	$C_8H_{12}O$	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
2291	$C_8H_{12}O$	Isoamyl alcohol	131.8	124.15	69.5	207, 234*
2292	$C_5H_{12}O$	2-Pentanol	119.8	<119.0	<47	247
2293	$C_8H_{12}O_2$	2-Propoxyethanol	151.35	Nonazeotrope		236
2294	C_6H_5Br	Bromobenzene	152	Nonazeotrope		163
2295	C_6H_5Cl	Chlorobenzene, 75° C.	75/121.9	75/128.4	61.6	
		100° C.			V-1	198
			100/296.1	100/311.2	63.3, V-1	198
			131.75	130.05	59	207
2296	$C_6H_5NO_2$	Nitrobenzene	210.75	Nonazeotrope		234
2297	C_6H_6	Benzene	80.2	Nonazeotrope		243
2298	C_6H_6O	Phenol	182.2	Nonazeotrope		255
2299	C_6H_7N	Aniline	184.35	Nonazeotrope		255
2300	C_6H_{10}	Cyclohexene	82.75	Nonazeotrope		243
2301	$C_6H_{10}O$	Mesityl oxide	129.45	Nonazeotrope		207
2302	C_6H_{12}	Cyclohexane	80.75	Nonazeotrope		243
2303	$C_8H_{12}O_2$	Butyl acetate	124.8	Nonazeotrope		207
2304	$C_8H_{12}O_2$	Ethyl butyrate	121.5	Nonazeotrope		227
2305	$C_8H_{12}O_2$	Isoamyl formate	123.8	123.7	~12	211
2306	$C_8H_{12}O_2$	Propyl propionate	122.5	Nonazeotrope		227
2307	$C_8H_{12}O_3$	Paraldehyde	124	Nonazeotrope		243
2308	C_6H_{14}	Hexane	68.95	Nonazeotrope		243
2309	$C_6H_{14}O$	Hexyl alcohol	157.85	Nonazeotrope		255
2310	$C_8H_{14}O_2$	2-Butoxyethanol	171.25	Nonazeotrope		206
2311	C_7H_8	Toluene	110.7	Nonazeotrope		243
2312	$C_7H_{14}O$	4-Heptanone	143.55	Nonazeotrope		232
2313	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	Nonazeotrope		253
2314	$C_7H_{14}O_2$	Isoamyl acetate	137.5	Nonazeotrope		162
2315	$C_7H_{14}O_2$	Isobutyl propionate	136.9	Nonazeotrope		243
2316	$C_7H_{14}O_2$	Propyl isobutyrate	134.0	Nonazeotrope		255
2317	C_7H_{16}	Heptane	98.4	Nonazeotrope		207
2318	C_8H_8	Styrene	68/60	Nonazeotrope		26
2319	C_8H_{10}	Ethylbenzene	136.15	131.1	90	243
		60 mm.	60.5	57	87	26
2320	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		207
2321	C_8H_{10}	<i>p</i> -Xylene	138.45	Nonazeotrope		255
2322	C_8H_{10}	<i>o</i> -Xylene	138.25	131.3	~97	243
2323	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
2324	C_8H_{18}	2,5-Dimethylhexane	109.4	Nonazeotrope		255
2325	$C_8H_{18}O$	Butyl ether	142.4	Nonazeotrope		239
2326	C_9H_{12}	Mesitylene	164	Nonazeotrope		243
2327	$C_{10}H_{14}$	Cymene	175.3	Nonazeotrope		243
A =	$C_2H_4Cl_2$	1,1-Dichloroethane	57.3			
2328	$C_2H_4Cl_2$	1,2-Dichloroethane	83.7	V-1.		180
2329	C_2H_5ClO	Chloromethyl methyl ether	59.5	<54?	<80	243
2330	C_2H_6O	Ethyl alcohol	78.3	54.6	88.5	253
2331	C_3H_6O	Acetone	56.15	57.55	70	232
2332	C_3H_6O	Allyl alcohol	96.85	Nonazeotrope		207
2333	C_3H_6O	Propionaldehyde	50	Nonazeotrope		111
2334	$C_3H_6O_2$	Ethyl formate	54.15	Nonazeotrope		243
2335	$C_3H_6O_2$	Methyl acetate	57	~56	....	111*, 243
2336	C_3H_7Br	2-Bromopropane	59.4	Nonazeotrope		255
2337	$C_3H_7NO_2$	Propyl nitrite	47.75	Nonazeotrope		230
2338	C_3H_8O	Isopropyl alcohol	82.45	56.6	~92	253
2339	C_3H_8O	Propyl alcohol	97.2	Nonazeotrope		253
2340	$C_3H_8O_2$	Methylal	42.3	Nonazeotrope		239
2341	$C_3H_9BO_3$	Methyl borate	65	Nonazeotrope		243
2342	C_3H_9SiCl	Chlorotrimethylsilane	57.7	56.4	....	243
2343	C_4H_8O	2-Butanone	79.6	Nonazeotrope		232
2344	C_4H_8O	Isobutylene oxide	50	Max. b.p.		111
2345	C_4H_8O	Isobutyraldehyde	63	Nonazeotrope		111
2356	$C_4H_9NO_2$	Isobutyl nitrite	67.1	Nonazeotrope		230
2357	$C_4H_{10}O$	<i>tert</i> -Butyl alcohol	82.55	57.1	~94	212

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₄Cl₂	1,1-Dichloroethane (<i>continued</i>)	57.3			
2358	C ₄ H ₁₁ N	Diethylamine	56	52	~45	243
2359	C ₅ H ₁₀	Cyclopentane	49.3		Nonazeotrope	255
2360	C ₆ H ₁₂ O	Ethyl propyl ether	63.6		Nonazeotrope	228
2361	C ₆ H ₁₀	Biallyl	60.2	56.5	~77	243
2362	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	255
2363	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<56.0	<58	242
2364	C ₆ H ₁₄	Hexane	68.85		Nonazeotrope	218
2365	C ₆ H ₁₄ O	Isopropyl ether	68		Nonazeotrope	111
A =	C₂H₄Cl₂	1,2-Dichloroethane	83.45			
2366	C ₂ H ₄ O	Ethylene oxide	10.75		Nonazeotrope	239
2367	C ₂ H ₄ O ₂	Acetic acid	118.1		Nonazeotrope, V-l.	285
2368	C ₂ H ₅ ClO	2-Chloroethanol	128.6		Nonazeotrope	244
2369	C ₂ H ₅ NO ₂	Ethyl nitrate	87.68		Nonazeotrope	207
2370	C ₂ H ₆ O	Ethyl alcohol	78.3	70.5	63	252
2371	C ₃ H ₆ O	Acetone	56.25		Nonazeotrope, V-l.	119, 232*, 295*
2372	C ₃ H ₆ O	Allyl alcohol	96.9	80.9	85.5	149, 212*, 357*
2373	C ₃ H ₆ O ₂	Methyl carbonate	90.35		Nonazeotrope	252
2374	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0		Nonazeotrope	255
2375	C ₃ H ₈ O	Isopropyl alcohol	82.45	74.7	56.5	252
2376	C ₃ H ₈ O	<i>n</i> -Propyl alcohol	97.2	80.65	~81	252
2377	C ₃ H ₉ BO ₃	Methyl borate	68.7		Nonazeotrope	227
2378	C ₄ H ₄ S	Thiophene	84	83.5	....	243
2379	C ₄ H ₆ O ₂	Allyl formate	80.0	83.55	....	255
2380	C ₄ H ₈ O	2-Butanone	80		Max. b.p.	111
			79.6		Nonazeotrope	207
2381	C ₄ H ₈ O ₂	Butyric acid	162		Nonazeotrope	277
2382	C ₄ H ₈ O ₂	Dioxane	101.35		Nonazeotrope	207
2383	C ₄ H ₈ O ₂	Ethyl acetate	77		Nonazeotrope	252
2384	C ₄ H ₈ O ₂	Propyl formate	80.8	84.05	~90	252
2385	C ₄ H ₉ ClO	1-Chloroethyl ethyl ether	98.5		Nonazeotrope	255
2386	C ₄ H ₉ NO ₂	Butyl nitrite	77.8		Nonazeotrope	227
2387	C ₄ H ₁₀ O	Butyl alcohol	117.75		Nonazeotrope	207, 254
2388	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	<82.2	88	255
2389	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	<76.5	<78	255
2390	C ₄ H ₁₀ O	Ethyl ether	34.6		Nonazeotrope	239
2391	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	83.45	93.5	254
2392	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	88		Nonazeotrope	243
2393	C ₅ H ₁₀ O	Isovaleraldehyde	92.1		Nonazeotrope	255
2394	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4		Nonazeotrope	232
2395	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8		Nonazeotrope	227
2396	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15		Nonazeotrope	230
2397	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35		Nonazeotrope	255
2398	C ₅ H ₁₂ O	Isoamyl alcohol	131.9		Nonazeotrope	255
2399	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6		Nonazeotrope	255
2400	C ₅ H ₁₂ O	3-Pentanol	116.0		Nonazeotrope	255
2401	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	88.95	22	207
2402	C ₆ H ₆	Benzene	80.2		Nonazeotrope	188*, 295
2403	C ₆ H ₁₀	Cyclohexene	82.75		Azeotrope doubtful	243
2404	C ₆ H ₁₂	Cyclohexane	....	74.4	49.6	117*, 119*, 243*, 295
					V-l.	
2405	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	255
2406	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope	243
2407	C ₆ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope	239
2408	C ₆ H ₁₄ O	Propyl ether	90.55		Nonazeotrope	253
2409	C ₇ H ₈	Toluene, 25° C.	....		Nonazeotrope, V-l.	119, 179*, 243*
			110.7		Nonazeotrope, V-l.	3
2410	C ₇ H ₁₄	Methylcyclohexane	101.15		Nonazeotrope	255
2411	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	81	75.8	114
2412	C ₇ H ₁₆	Heptane	98.45		Nonazeotrope	207
2413	C ₈ H ₁₈	2,5-Dimethylhexane	109.4		Nonazeotrope	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₄Cl₂O	Bis(chloromethyl) Ether	105.5			
2414	C ₂ H ₆ Cl ₂	2,2-Dichloropropane	70.4		Nonazeotrope	255
2415	C ₃ H ₇ Cl	1-Chloropropane	46.4		Nonazeotrope	235
2416	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5		Nonazeotrope	255
2417	C ₄ H ₅ N	Pyrrrol	130.0		Nonazeotrope	252
2418	C ₄ H ₁₀ S	Ethyl sulfide	92.1		Nonazeotrope	248
2419	C ₅ H ₇ N	1-Methylpyrrrol	112.8	<104.8	...	255
2420	C ₅ H ₁₄ O	Propyl ether	90.1	89.0	10	255
2421	C ₆ H ₁₄ S	Isopropyl sulfide	120.5		Nonazeotrope	248
2422	C ₇ H ₈	Toluene	110.75		Nonazeotrope	255
2423	C ₇ H ₁₆	Heptane	98.4		Nonazeotrope	255
A =	C₂H₄Cl₂O	2,2-Dichloroethanol	146.2			
2424	C ₃ H ₆ Br ₂	1,3-Dibromopropane	166.9		Nonazeotrope	255
2425	C ₃ H ₇ I	1-Iodopropane	102.4		Nonazeotrope	255
2426	C ₄ H ₉ Br	1-Bromobutane	101.5		Nonazeotrope	255
2427	C ₄ H ₉ I	1-Iodobutane	130.4	128.0	15	245
2428	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	<120.5	...	255
2429	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4		Nonazeotrope	255
2430	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	138.5	50	247
2431	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4		Nonazeotrope	255
2432	C ₆ H ₅ Br	Bromobenzene	156.1	142.5	70	247
2433	C ₆ H ₅ Cl	Chlorobenzene	131.75	130.0	20	247
2434	C ₇ H ₈	Toluene	110.75		Nonazeotrope	255
2435	C ₇ H ₈ O	Anisole	153.85	145.5	...	255
2436	C ₈ H ₈	Styrene	145.8	<140.0	...	255
2437	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<136.0	>32	255
2438	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	139.0	50	247
2439	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	255
2440	C ₈ H ₁₈ O	Butyl ether	142.4	136.0	45	247
2441	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
2442	C ₉ H ₁₂	Cumene	152.8	142.0	65	247
2443	C ₉ H ₁₂	Mesitylene	164.6	<145.0	...	255
2444	C ₉ H ₁₂	Propylbenzene	159.3	143.5	75	255
2445	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
2446	C ₁₀ H ₁₆	Camphene	159.6	139.0	75	247
2447	C ₁₀ H ₁₆	Dipentene	177.7	143.0	80	247
2448	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<145.5	>85	255
A =	C₂H₄O	Acetaldehyde	20.4			
2449	C ₂ H ₄ O	Ethylene oxide	10.4		Nonazeotrope, V-l.	77
2450	C ₂ H ₄ O ₂	Methyl formate	31.9		Nonazeotrope	237
2451	C ₂ H ₅ Br	Bromoethane	38.4		Nonazeotrope	243
2452	C ₂ H ₅ Cl	Chloroethane	14.0	<9	<32	243
2453	C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope	243
2454	C ₃ H ₆ O	Acetone	56.15		Nonazeotrope	232
2455	C ₃ H ₇ Cl	2-Chloropropane	34.9		Nonazeotrope	255
2456	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.0		Nonazeotrope	228
2457	C ₄ H ₆	1,3-Butadiene	-4.5	5.0	5.2, V-l.	53
2458	C ₅ H ₄ O ₂	Furfuraldehyde	161.7		Nonazeotrope, V-l.	285
2459	C ₅ H ₁₂	2-Methylbutane	27.95	~17	...	243
2460	C ₅ H ₁₂	Pentane	36.15		Azeotrope doubtful	243
2461	C ₆ H ₆	Benzene	80.1		Nonazeotrope, V-l.	285
2462	C ₆ H ₁₂ O ₃	Paraldehyde	124		Nonazeotrope	243
2463	C ₇ H ₈	Toluene	110.8		Nonazeotrope, V-l.	285
A =	C₂H₄O	Ethylene Oxide	10.75			
2464	C ₂ H ₄ O ₂	Methyl formate	31.7		Nonazeotrope	255
2465	C ₃ H ₆ O	Propylene oxide	34.1		Nonazeotrope	255
2466	C ₄ H ₆	1,3-Butadiene	-5.3		Nonazeotrope	93
2467	C ₄ H ₈	1-Butene	-6.5	-7	...	93, 123*
2468	C ₄ H ₈	<i>cis</i> -2-Butene	3.6		Min. b.p.	123
2469	C ₄ H ₈	<i>trans</i> -2-Butene	0.9		Min. b.p.	123
2470	C ₄ H ₈	2-Methylpropene	-7.5		Min. b.p.	123
2471	C ₄ H ₁₀	<i>n</i> -Butane	0.6	<0.0	>5	123*, 238
2472	C ₄ H ₁₀	2-Methylpropane	-12.2		Min. b.p.	123
2473	C ₅ H ₁₀	2-Methyl-1-butene	32.0		Min. b.p.	123
2474	C ₅ H ₁₀	3-Methyl-1-butene	21.2		Min. b.p.	123

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₄O	Ethylene Oxide (continued)	10.75			
2475	C ₅ H ₁₀	2-Methyl-2-butene	37.7		Min. b.p.	123
2476	C ₅ H ₁₀	1-Pentene	30.2		Min. b.p.	123
2477	C ₅ H ₁₀	2-Pentene	35.8		Min. b.p.	3
2478	C ₅ H ₁₂	2-Methylbutane	27.9		Min. b.p.	123
			27.95		Nonazeotrope	233
2479	C ₅ H ₁₂	Pentane	36.2		Min. b.p.	123
A =	C₂H₄OS	Thioacetic Acid	89.5			
2480	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
2481	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	255
2482	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	255
A =	C₂H₄O₂	Acetic Acid	118.5			
2483	C ₂ H ₅ I	Iodoethane	72.3		Nonazeotrope	222
2484	C ₂ H ₅ NO	Acetamide	222.0		Nonazeotrope, V-l.	235
2485	C ₂ H ₅ NO ₂	Nitroethane	114.2	112.4	30	234
2486	C ₂ H ₅ NO ₂	Ethyl nitrate	87.7		Nonazeotrope	207
2487	C ₂ H ₆ S	Methyl sulfide	37.4		Nonazeotrope	243
2488	C ₃ H ₅ Br	3-Bromopropene	70.5		Nonazeotrope	255
2489	C ₃ H ₅ BrO	Epibromohydrin	138.5		Nonazeotrope	233
2490	C ₃ H ₅ ClO	Epichlorohydrin	116.4	115.05	34.5	233
2491	C ₃ H ₅ ClO ₂	Methyl chloroacetate	129.95		Nonazeotrope	255
2492	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85		Nonazeotrope	221
2493	C ₃ H ₅ I	3-Iodopropene	101.8	97.2	15	242
2494	C ₃ H ₅ Br ₂	1,2-Dibromopropane	140.5	116.0	70	235
2495	C ₃ H ₅ Br ₂	1,3-Dibromopropane	166.9		Nonazeotrope	255
2496	C ₃ H ₅ Cl ₂	2,2-Dichloropropane	70.4		Nonazeotrope	255
2497	C ₃ H ₆ O	Acetone	56.1		Nonazeotrope, V-l.	235
2498	C ₃ H ₆ O ₃	Methyl carbonate	90.35		Nonazeotrope	255
2499	C ₃ H ₇ Br	1-Bromopropane	71.0		Nonazeotrope	255
2500	C ₃ H ₇ Br	2-Bromopropane	59.4		Nonazeotrope	207
2501	C ₃ H ₇ I	1-Iodopropane	102.4	99.2	20	221
2502	C ₃ H ₇ I	2-Iodopropane	89.2	88.3	9	225
2403	C ₃ H ₇ NO ₂	Propyl nitrate	110.5	107.5	23	240
2504	C ₃ H ₉ N	Trimethylamine, 37 mm.	...	80-81	20	243
			9	148-150	80	151
2505	C ₄ H ₆ O	Crotonaldehyde	102.2		Nonazeotrope	255
2506	C ₄ H ₈ O ₂	Biacetyl	88.0		Nonazeotrope, V-l.	235
2507	C ₄ H ₈ O ₂	Methyl pyruvate	137.5		Nonazeotrope	232
2508	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5		Nonazeotrope	255
2509	C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope	232
2510	C ₄ H ₈ O ₂	Butyric acid	163.5		Vapor pressure data	243
2511	C ₄ H ₈ O ₂	Dioxane	101.35	119.5	77	233
2512	C ₄ H ₈ O ₂	Propyl formate	80.85		Nonazeotrope	255
2513	C ₄ H ₈ S	Tetrahydrothiophene	118.8	<113.5	<4.7	248
2514	C ₄ H ₉ Br	1-Bromobutane	100.35	97.6	18	221
2515	C ₄ H ₉ Br	2-Bromobutane	91.2	89.0	13	242
2516	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.3	90.2	12	221
			91.6		Nonazeotrope	243
2517	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	73.2?	2?	255
2518	C ₄ H ₉ Cl	1-Chlorobutane	78.05		Nonazeotrope	221
2519	C ₄ H ₉ Cl	2-Chlorobutane	68.25		Nonazeotrope	255
2520	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85		Nonazeotrope	255
2521	C ₄ H ₉ I	1-Iodobutane	130.4	112.4	47	242
2522	C ₄ H ₉ I	2-Iodobutane	120.0	110.7	30	242
2523	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	109.5	37	221
2524	C ₄ H ₉ NO ₂	Isobutyl nitrate	123.5	114.2	50	240
2525	C ₄ H ₁₀ O	Ethyl ether	34.6		Nonazeotrope	243
2526	C ₄ H ₁₀ S	Ethyl sulfide	92.1	91.5	10	243
2527	C ₅ H ₄ O ₂	Furfuraldehyde	161.45		Nonazeotrope, V-l.	235
2528	C ₅ H ₅ N	Pyridine	115.5	139-141	53	151
2529	C ₅ H ₈ O	Cyclopentanone	130.65		Nonazeotrope	232
2530	C ₅ H ₁₀	Cyclopentane	49.3		Nonazeotrope	255
2531	C ₅ H ₁₀ O	Isovaleraldehyde	92.1		Nonazeotrope	255
2532	C ₅ H ₁₀ O	3-Pentanone	102.05		Nonazeotrope	232
2533	C ₅ H ₁₀ O ₂	Butyl formate	106.8		Nonazeotrope	255
2534	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1		Nonazeotrope	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	$C_2H_4O_2$	Acetic Acid (<i>continued</i>)	118.5			
2535	$C_5H_{10}O_2$	Isobutyl formate	78.3		Nonazeotrope	243
2536	$C_5H_{10}O_2$	Methyl butyrate	102.65		Nonazeotrope	255
2537	$C_5H_{10}O_2$	Methyl isobutyrate	92.5		Nonazeotrope	255
2538	$C_5H_{10}O_2$	Propyl acetate	101.6		Nonazeotrope, V-1.	285
2539	$C_5H_{10}O_2$	2-Methoxyethyl acetate	144.6		Nonazeotrope	206
2540	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.65	108.65	38	248
2541	$C_5H_{11}Cl$	1-Chloro-3-methylbutane	99.8	97.2	18.5	221
2542	$C_5H_{11}I$	1-Iodo-3-methylbutane	147.65	117.65	80	221
2543	$C_5H_{12}O_2$	Diethoxymethane	87.95		Nonazeotrope	255
2544	$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene	174.4		Nonazeotrope	255
2545	C_6H_5Br	Bromobenzene	156.1	118.35	95	221
			156.15		Nonazeotrope	243
2546	C_6H_5Cl	Chlorobenzene	131.8	114.65	58.5	243
2547	C_6H_5F	Fluorobenzene	84.9		Nonazeotrope	255
2548	$C_6H_5NO_2$	Nitrobenzene	210.85		Nonazeotrope	243
2549	C_6H_6	Benzene	80.2	80.05	2	255
			80.2		Nonazeotrope	334
2550	C_6H_7N	Aniline	184.35		Nonazeotrope	243
2551	C_6H_7N	2-Picoline	134	145	49	151
2552	C_6H_7N	3-Picoline	144	152.5	30.4	} 81*, 82, 327*
		212 mm.	...	114.5	35.0	
2553	C_6H_7N	4-Picoline	145.3	154.3	30.3	
		212 mm.	...	116.5	36.1	
2554	C_6H_8	1,3-Cyclohexadiene	80.4	80.0	2	255
2555	C_6H_8	1,4-Cyclohexadiene	85.6	84.0	6	242
2556	C_6H_{10}	Cyclohexene	82.75	81.8	6.5	221
2557	$C_6H_{10}O$	Mesityl oxide	129.45		Nonazeotrope	232
2558	$C_6H_{10}S$	Allyl sulfide	139	116.55	78.5.	207
2559	C_6H_{12}	Cyclohexane	80.75	79.7	2	243
2560	C_6H_{12}	Methylcyclopentane	72.0		Nonazeotrope	255
2561	$C_6H_{12}O$	4-Methyl-2-pentanone	115.80		Nonazeotrope, V-1	285
2562	$C_6H_{12}O$	Pinacolone	106.2		Nonazeotrope	232
2563	$C_6H_{12}O_2$	Butyl acetate	125		Nonazeotrope, V-1.	285
2564	$C_6H_{12}O_2$	Ethyl butyrate	121.5		Nonazeotrope	255
2565	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1		Nonazeotrope	221
2566	$C_6H_{12}O_2$	Isoamyl formate	123.8		Nonazeotrope	255
2567	$C_6H_{12}O_2$	Propyl propionate	123.0		Nonazeotrope	255
2568	$C_6H_{12}Br$	1-Bromohexane	156.5	117.5	92	255
2569	C_6H_{14}	2,3-Dimethylbutane	58.0		Nonazeotrope	255
2570	C_6H_{14}	Hexane	68.8	67.5?	5	255
2571	$C_6H_{14}O$	Propyl ether	90.55		Nonazeotrope	217
2572	$C_6H_{14}O_2$	Acetal	104.5		Azeotrope doubtful	243
2573	$C_6H_{14}S$	Isopropyl sulfide	120	111.5	48	235
2574	$C_6H_{14}S$	Propyl sulfide	141.5	116.9	83	246
2575	$C_6H_{17}N$	Triethylamine	89	163	67, V-1.	408
			...	162	81.3	151
		40 mm.	...	91-92	...	151
2576	C_7H_7Cl	α -Chlorotoluene	179.3		Nonazeotrope	255
2577	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.3		Nonazeotrope	221
2578	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4		Nonazeotrope	255
2579	C_7H_8	Toluene	110.8	100.6	28.1	285, 288*, 334*
					V-1.	236
2580	C_7H_8O	Anisole	153.85		Nonazeotrope	236
2581	C_7H_9N	2,6-Lutidine, 212 mm.	...	110-111	34.4	} 81*, 82, 327*
			144	148	27.8	
2582	$C_7H_{12}O$	Methylcyclohexanone	165.0		Nonazeotrope, V-1.	285
2583	C_7H_{14}	Methylcyclohexane	101.1	963	31	221, 251*
2584	$C_7H_{14}O$	2-Heptanone	149		Nonazeotrope, V-1.	285
2585	$C_7H_{14}O_2$	Amyl acetate	149		Nonazeotrope	288
2586	$C_7H_{14}O_2$	Ethyl isovalerate	134.7		Nonazeotrope	255
2587	$C_7H_{14}O_2$	Isoamyl acetate	142.1		Nonazeotrope, V-1.	285
2588	$C_7H_{14}O_2$	Propyl isobutyrate	133.9		Nonazeotrope	223
2589	C_7H_{16}	<i>n</i> -Heptane	98.4	95	17	251*, 288
2590	C_8H_8	Styrene	145.8	116.0	17	225
2591	C_8H_{10}	Ethylbenzene, 60 mm.	60.5	48	75	26
			136.15	114.65	66	243

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₄O₂	Acetic Acid (<i>continued</i>)	118.5			
2592	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	115.35	72.5	207, 334*
2593	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	116.0	76	221
2594	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	115.25	72	222
2595	C ₈ H ₁₀	Xylene	138.8	115.2	70.9	
					V-l.	285
2596	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
2597	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		243
2598	C ₈ H ₁₄ O ₂	Cyclohexyl acetate	177.0	Nonazeotrope, V-l.		285
2599	C ₈ H ₁₄ O ₄	<i>meso</i> -2,3-butanediol diacetate, 150-760 mm.	190-193	Nonazeotrope, V-l.		293
2600	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	109.0	45	255
2601	C ₈ H ₁₆	Ethylcyclohexane	131.8	107.9	...	419
2602	C ₈ H ₁₆ O ₂	Methyl isoamyl acetate	...	Nonazeotrope, V-l.		285
2603	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	100.0	35	225, 251*
2604	C ₈ H ₁₈	<i>n</i> -Octane	125.5	105.1	52.5	221*, 258*,
					V-l.	349
2605	C ₈ H ₁₈ O	Butyl ether	141	Nonazeotrope		217
2606	C ₈ H ₁₈ O	Isobutyl ether	122.3	113.5?	48?	255
2607	C ₈ H ₁₉ NO	α -Diethylaminobutane- γ -ol, 7 mm.	...	83.5	43.6	402
2608	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		233
2609	C ₉ H ₁₂	Cumene	152.3	116.8	...	11*, 420
2610	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
2611	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		222
2612	C ₉ H ₁₈	Nonanaphthene	136.7	109.6	...	419
2613	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	164	Nonazeotrope, V-l.		285
2614	C ₉ H ₂₀	2-Methyloctane	135.2	108.8	...	419
2615	C ₉ H ₂₀	Nonane	150.7	112.6	...	420
2616	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
2617	C ₁₀ H ₁₆	Camphene	159.6	118.2	97	221
2618	C ₁₀ H ₁₆	α -Pinene	155.8	117.2	83	221
2619	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
2620	C ₁₀ H ₁₆ O	Fenchone	193.0	Nonazeotrope, V-l.		285
2621	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	117.0	94	242
2622	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	Nonazeotrope		243
A =	C₂H₄O₂	Methyl Formate	31.7			
2623	C ₂ H ₄ S	Ethylene sulfide	55.7	Nonazeotrope		246
2624	C ₂ H ₅ Br	Bromoethane	38.4	29.85	>66	235
2625	C ₂ H ₅ Cl	Chloroethane	13.3	Nonazeotrope		243
2626	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	Nonazeotrope		243
2627	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	Nonazeotrope		229
2628	C ₂ H ₅ O	Ethyl alcohol	78.3	Nonazeotrope		216
2629	C ₂ H ₆ S	Ethanethiol	36.2	27	~30	243
2630	C ₂ H ₆ S	Methyl sulfide	37.2	29.0	62	235
2631	C ₂ H ₅ Cl	2-Chloropropene	22.65	<22.0	<13	255
2632	C ₂ H ₅ Cl	3-Chloropropene	46.15	Nonazeotrope		227
2633	C ₂ H ₆ O	Acetone	56.15	Nonazeotrope		232
2634	C ₂ H ₇ Cl	1-Chloropropane	46.65	Nonazeotrope		235
2635	C ₂ H ₇ Cl	2-Chloropropane	35.0	Nonazeotrope		235
2636	C ₂ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		229
2637	C ₂ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		229
2638	C ₂ H ₈ O ₂	Methylal	42.25	Nonazeotrope		237
2639	C ₄ H ₄ O	Furan	31.7	<28.6	...	237
2640	C ₄ H ₈	1-Butene	-6.5	Min. b.p.		123
2641	C ₄ H ₈	<i>cis</i> -2-Butene	3.6	Min. b.p.		123
2642	C ₄ H ₈	<i>trans</i> -2-Butene	0.9	Min. b.p.		123
2643	C ₄ H ₈	2-Methylpropene	-7.5	Min. b.p.		123
2644	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope		243
2645	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	Nonazeotrope		243
2646	C ₄ H ₁₀	<i>n</i> -Butane	-0.6	Min. b.p.		123
2647	C ₄ H ₁₀	2-Methylpropane	-12.2	Min. b.p.		123
2648	C ₄ H ₁₀ O	Ethyl ether	34.6	28.2	56	237
2649	C ₄ H ₁₀ O	Methyl propyl ether	38.9	<31.2	<88	237
2650	C ₅ H ₆	Cyclopentadiene	41.0	Min. b.p.		108
2651	C ₅ H ₈	Cyclopentene	43	Min. b.p.		415

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₄O₂	Methyl Formate (continued)	31.7			
2652	C ₅ H ₈	Isoprene	34.1	22.5	50	108*, 243, 415*
2653	C ₆ H ₈	3-Methyl-1,2-butadiene	40.8	26.5	~68	243
2654	C ₆ H ₈	Piperylene	42.5	Min. b.p.		108
2655	C ₅ H ₁₀	Cyclopentane	49.3	26.0	60 Vol.	242*, 315
2656	C ₅ H ₁₀	2-Methyl-1-butene	31.05	Min. b.p.		108, 123*, 415*
2657	C ₅ H ₁₀	3-Methyl-1-butene	20.1	Min. b.p.		108, 123*
2658	C ₅ H ₁₀	2-Methyl-2-butene	37.15	24.3	54	108*, 123*, 243
2659	C ₅ H ₁₀	1-Pentene	30.1	Min. b.p.		108, 123*
2660	C ₅ H ₁₀	2-Pentene	36.4	Min. b.p.		108, 123*, 415*
2661	C ₆ H ₁₂	2-Methylbutane	27.95	17.05	47	123*, 243
2662	C ₆ H ₁₂	Pentane	36.15	21.8	53	120*, 243
2663	C ₆ H ₁₀	Biallyl	60.2	Nonazeotrope		243
2664	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		255
2665	C ₆ H ₁₄	2,2-Dimethylbutane	49.7	25.4	55 vol.	315
2666	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	30.5	85	242
2667	C ₆ H ₁₄	n-Hexane	69.0	Nonazeotrope		226
A =	C₂H₄S	Ethylene Sulfide	55.7			
2668	C ₂ H ₅ Br	Bromoethane	38.4	Nonazeotrope		246
2669	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	Nonazeotrope		255
2670	C ₃ H ₆ O	Acetone	56.15	51.5	57	246
2671	C ₃ H ₆ O ₂	Ethyl formate	54.15	50.5	53	246
2672	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		246
2673	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		246
2674	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		246
2675	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		255
2676	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	54.0	65	255
2677	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		255
A =	C₂H₅Br	Bromoethane	38.4			
2678	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	Nonazeotrope		236
2679	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		243, 369*
2680	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	Nonazeotrope		230
2681	C ₂ H ₆ O	Ethyl alcohol	78.3	37	97	243*, 334
2682	C ₂ H ₆ S	Ethanethiol	36.2	Nonazeotrope		243
2683	C ₂ H ₆ S	Methyl sulfide	37.4	<37.0	<46	246
2684	C ₂ H ₆ O	Acetone	56.1	Nonazeotrope		232*, 334
2685	C ₂ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		255
2686	C ₂ H ₆ O	Propylene oxide	34.1	Nonazeotrope		239
2687	C ₂ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		211
2688	C ₂ H ₆ O ₂	Methyl acetate	57.0	Nonazeotrope		243
2689	C ₂ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope		255
2690	C ₂ H ₇ NO ₂	Isopropyl nitrite	40.1	37.7	68	230
2691	C ₂ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		230
2692	C ₂ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		255
2693	C ₂ H ₈ O	Isopropyl alcohol	82.45	38.35?	99?	243
2694	C ₂ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		255
2695	C ₂ H ₈ O ₂	Methylal	42.2	Nonazeotrope		235
2696	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope, vapor pressure data		243
2697	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		255
2698	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		255
2699	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		243
2700	C ₄ H ₁₀ O	Methyl propyl ether	38.8	Nonazeotrope		243
2701	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		211
2702	C ₅ H ₈	Isoprene	34.1	32	<35	243
2703	C ₆ H ₈	3-Methyl-1,2-butadiene	40.8	~36	...	243
2704	C ₆ H ₁₀	Cyclopentane	49.3	<37.5	<80	255
2705	C ₆ H ₁₀	2-Methyl-2-butene	37.15	35.0	<59	235
2706	C ₆ H ₁₂	2-Methylbutane	27.95	23.7	70	235
2707	C ₆ H ₁₂	Pentane	36.15	~33	~50	243
2708	C ₆ H ₆	Benzene	80.2	Nonazeotrope, V-l.		243*, 405
2709	C ₆ H ₁₀	Biallyl	60.2	Nonazeotrope		243

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref
A =	C₂H₅Br	Bromoethane (continued)	38.4			
2710	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	255
2711	C ₆ H ₁₄	2,3-Dimethylbutane	58.0		Nonazeotrope	255
2712	C ₆ H ₁₄	Hexane	68.85		Nonazeotrope	218
2713	C ₇ H ₁₆	Heptane, 30° C.	98.4		Vapor pressure data	369
A =	C₂H₅BrO	2-Bromoethanol	150.2			
2714	C ₃ H ₅ Br ₂	1,2-Dibromopropane	140.5	137.0	....	255
2715	C ₂ H ₅ O ₂	2-Methoxyethanol	124.5		Nonazeotrope	206
2716	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55		Nonazeotrope	255
2717	C ₄ H ₉ Br	1-Bromobutane	101.5		Nonazeotrope	255
2718	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4		Nonazeotrope	255
2719	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3		Nonazeotrope	206
2720	C ₆ H ₆ O ₂	Furfuryl alcohol	169.35		Nonazeotrope	255
2721	C ₅ H ₁₀ O	Cyclopentanol	140.85		Nonazeotrope	255
2722	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.5		Nonazeotrope	255
2723	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6		Nonazeotrope	255
2724	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	<119.5	>7	255
2725	C ₆ H ₁₂ O	Amyl alcohol	138.2		Nonazeotrope	255
2726	C ₆ H ₁₂ O	Isoamyl alcohol	131.9		Nonazeotrope	207
2727	C ₆ H ₅ Cl	Chlorobenzene	131.75	128.7	20	255
2728	C ₆ H ₁₀ O	Cyclohexanone	155.7		Nonazeotrope	232
2729	C ₆ H ₁₀ O	Mesityl oxide	129.45		Nonazeotrope	255
2730	C ₆ H ₁₀ S	Allyl sulfide	139.35	135.5	20	246
2731	C ₆ H ₁₂ O ₂	Butyl acetate	126.0		Nonazeotrope	255
2732	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15		Nonazeotrope	255
2733	C ₆ H ₁₄ S	Isopropyl sulfide	120.5		Nonazeotrope	246
2734	C ₇ H ₁₄ O	4-Heptanone	143.55		Nonazeotrope	255
2735	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	146.6	50	255
2736	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1		Nonazeotrope	255
2737	C ₇ H ₁₆	Heptane	98.4	<97.5	....	255
2738	C ₈ H ₁₀	Ethylbenzene	136.15	131.5	40	255
2739	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	133.5	43	255
2740	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	133.0	42	255
2741	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<117.0	....	255
2742	C ₈ H ₁₈ O	Butyl ether	142.4	<138.0	....	255
2743	C ₈ H ₁₈ S	Butyl sulfide	185.0		Nonazeotrope	246
2744	C ₈ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0		Nonazeotrope	232
A =	C₂H₅BrO	Bromomethyl Methyl Ether	87.5			
2745	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
2746	C ₆ H ₁₄	Hexane	68.8		Nonazeotrope	255
A =	C₂H₅Cl	Chloroethane	12.4			
2747	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	<12.2	>85	230
2748	C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope	253
2749	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1		Nonazeotrope	230
2750	C ₄ H ₄ O	Furan	31.7		Nonazeotrope	239
2751	C ₄ H ₁₀	<i>n</i> -Butane	0	....	20	184
2752	C ₅ H ₁₀	3-Methyl-1-butene	20.6	<11.5	<73	255
2753	C ₅ H ₁₂	2-Methylbutane	27.95	~12	95	243
2754	C ₅ H ₁₂	Pentane	36.15		Nonazeotrope	243
A =	C₂H₅ClO	2-Chloroethanol	128.6			
2755	C ₂ H ₅ NO	Acetamide	221.15		Nonazeotrope	207
2756	C ₂ H ₅ NO ₂	Nitroethane	114.2		Nonazeotrope	234
2757	C ₂ H ₆ O ₂	Glycol	197.4		Nonazeotrope	206
2758	C ₃ H ₅ ClO ₂	Methyl chloroacetate	129.95	<128.0	<85	255
2759	C ₃ H ₅ I	3-Iodopropene	101.8	100.2	8	244
2760	C ₃ H ₅ Br ₂	1,2-Dibromopropane	140.5	126.0	....	235
2761	C ₃ H ₅ Br ₂	1,3-Dibromopropane	166.9		Nonazeotrope	244
2762	C ₃ H ₇ I	1-Iodopropane	102.4	99.7	15	247
2763	C ₃ H ₇ I	2-Iodopropane	89.45	<88.5	>8	255
2764	C ₃ H ₇ N	Propionamide	222.2		Nonazeotrope	206
2765	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	130.0	69	243
2766	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55		Nonazeotrope	255
2767	C ₄ H ₈ Cl ₂ O	Bis(chloroethyl) ether	177.4	128.2	86.3, V-1.	370
2768	C ₄ H ₈ O ₂	Dioxane	101.35		Nonazeotrope	207
2768a	C ₄ H ₈ S	Tetrahydrothiophene	118.8	115.0	~28	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₅ClO	2-Chloroethanol (continued)	128.6			
2769	C ₄ H ₉ Br	1-Bromobutane	101.5	100.1	10	244
2770	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	90.2	....	206
2771	C ₄ H ₉ I	Iodobutane	130.4	119.0	38	244
2772	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	112.5	30	247
2773	C ₄ H ₁₀ O	Butyl alcohol	117.2	Nonazeotrope, V-l.		370
2774	C ₄ H ₁₀ O	Isobutyl alcohol	107.5	Nonazeotrope, V-l.		370
2775	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	135.65	15	248
2776	C ₄ H ₁₀ S	Butanethiol	97.5	Nonazeotrope		255
2777	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		246
2778	C ₆ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		255
2779	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope (reacts)		255
2780	C ₆ H ₆ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		255
2781	C ₆ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		206
2782	C ₆ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		255
2783	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		255
2784	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255
2785	C ₆ H ₁₀ O ₃	Ethyl carbonate	126.5	<125.7	>28	255
2786	C ₆ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		206
2788	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	113.5	30	244
2789	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	98.5	8	244
2790	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	147.65	125.0	55	244
2791	C ₆ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		206
2792	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	127.8	75	207
2793	C ₆ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		206
2794	C ₆ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
2795	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		206
2796	C ₆ H ₁₃ ClSiO	2-Chloroethoxytrimethylsilane	134.3	120-122	....	341
2797	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		244
2798	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		244
2799	C ₆ H ₅ Br	Bromobenzene	156.1	127.45	68	244
2800	C ₆ H ₅ Cl	Chlorobenzene	131.75	119.95	42	244
2801	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		255
2802	C ₆ H ₆	Benzene	80.0	Nonazeotrope, V-l		370
2803	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255
2804	C ₆ H ₆ S	Benzenethiol	169.5	Nonazeotrope		246
2805	C ₆ H ₁₀	Cyclohexene	82.75	81.0	11	255
2806	C ₆ H ₁₀ O	Mesityl oxide	129.45	130.2	33	207
2807	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
2808	C ₆ H ₁₀ S	Allyl sulfide	139.35	124.5	61	235
2809	C ₆ H ₁₂	Cyclohexane	80.75	78.5	10	255
2810	C ₆ H ₁₂	Methylcyclopentane	72	<71.4	....	255
2811	C ₆ H ₁₂ O	2-Hexanone	127.2	129.0	75	232
2812	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		232
2813	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		207
2814	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
2815	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.6	31	207
2816	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	123.15	21	206
2817	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	Nonazeotrope		206
2818	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		206
2819	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	122.7	....	255
2820	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Reacts		206
2821	C ₆ H ₁₃ Br	1-Bromohexane	156.5	126.5	....	251
2822	C ₆ H ₁₄	Hexane	68.8	<68.0	<13	255
2823	C ₆ H ₁₄ O	Isopropyl ether	68.4	Nonazeotrope, V-l.		370
2824	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		255
2825	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		206
2826	C ₆ H ₁₄ S	Isopropyl sulfide	120	115.5	30	235
2827	C ₆ H ₁₄ S	Propyl sulfide	141.5	125.5	67	246
2828	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		244
2829	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		244
2830	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	Nonazeotrope		244
2831	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	128.0	75	244
2832	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		255
2833	C ₇ H ₈	Toluene	110.6	106.9	24.4, V-l.	251*, 370
2834	C ₇ H ₈ O	Anisole	153.85	128.55	97.5	236
2835	C ₇ H ₁₄	Methylcyclohexane	101.15	96.5	30	244

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₅ClO	2-Chloroethanol (<i>continued</i>)	128.6			
2836	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		258
2837	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		258
2838	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		255
2839	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		208
2840	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		208
2841	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
2842	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	<128.3	<94	255
2843	C ₇ H ₁₆	Heptane	98.4	92.0	25	244
2844	C ₇ H ₁₆ O ₂	Ethyl orthoformate	145.75	Reacts		208
2845	C ₈ H ₈	Styrene	145.8	123.0	....	244
2846	C ₈ H ₁₀	Ethylbenzene	136.15	121.0	62	244
2847	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	121.9	55.5	208
2848	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	123.2	68	244
2849	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	121.5	54	247
2850	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
2851	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		258
2852	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	109.5	42	247
2853	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		255
2854	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	100.5	33	208
2855	C ₈ H ₁₈	Octane	125.75	115.0	....	244
2856	C ₈ H ₁₈ O	Butyl ether	141.7	123.0	56.8, V-l.	270
2857	C ₈ H ₁₈ O	Isobutyl ether	122.3	<117.0	<42	247
2858	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		248
2859	C ₉ H ₈	Indene	182.6	Nonazeotrope		244
2860	C ₉ H ₁₂	Cumene	152.8	125.35	70	208
2861	C ₉ H ₁₂	Meitylene	164.6	<128.0	....	255
2862	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		244
2863	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		244
2864	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
2865	C ₁₀ H ₁₆	Camphene	159.6	125.5	80	244
2866	C ₁₀ H ₁₆	α -Terpinene	173.4	<127.0	<85	255
2867	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	123.5	68	208
2868	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		258
A =	C₂H₅ClO	Chloromethyl Methyl Ether	59.5			
2869	C ₂ H ₆ O	Ethyl alcohol	78.3	58.4	~84	245
2870	C ₂ H ₆ S	Ethanethiol	35.8	Nonazeotrope (reacts)		253
2871	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		248
2872	C ₃ H ₆ Br	3-Bromopropene	70.0	Nonazeotrope		228
2873	C ₃ H ₆ Cl	3-Chloropropene	45.15	Nonazeotrope		228
2874	C ₃ H ₆ O	Acetone	56.15	55.9	13	252
2875	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		211
2876	C ₃ H ₆ O ₂	Methyl acetate	56.25	Nonazeotrope		258
2877	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		258
2878	C ₃ H ₇ Br	2-Bromopropane	59.4	<57.1	>45	255
2879	C ₃ H ₇ Cl	1-Chloropropane	46.65	Nonazeotrope		258
2880	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		255
2881	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		243
2882	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		228
2883	C ₃ H ₇ BO ₂	Methyl borate	68.75	Nonazeotrope		211
2884	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		228
2885	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		243
2886	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		228
2887	C ₄ H ₈ Cl	1-Chlorobutane	78.5	Nonazeotrope		258
2888	C ₄ H ₈ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		258
2889	C ₄ H ₈ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		228
2890	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		228
2891	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		255
2892	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243
2893	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Nonazeotrope		228
2894	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
2895	C ₆ H ₁₀	Biallyl	60.1	~55.5	55	228
2896	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	56.0	42	242
2897	C ₆ H ₁₄	Hexane	68.85	~58.5	~90	228
A =	C₂H₅I	Iodoethane	72.3			
2898	C ₂ H ₆ O	Ethyl alcohol	78.3	63	86	245*, 254

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₂H₅I	Iodoethane (continued)	72.3				
2899	C ₃ H ₅ Br	3-Bromopropene	70.5	Nonazeotrope			227
2900	C ₃ H ₆ O	Acetone	56.2	55-56	40		252*, 334
2901	C ₃ H ₈ O	Allyl alcohol	46.85	69.4	88		247
2902	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope			218
2903	C ₃ H ₈ O ₂	Methyl acetate	56.95	Nonazeotrope			218
2904	C ₃ H ₈ O ₃	Methyl carbonate	90.35	Nonazeotrope			227
2905	C ₃ H ₇ Br	1-Bromopropene	71.0	Nonazeotrope			229
2906	C ₃ H ₈ O	Isopropyl alcohol	82.45	66	87		253*, 334
2907	C ₃ H ₈ O	Propyl alcohol	97.2	70	93		243*, 334
2908	C ₃ H ₅ BO ₃	Methyl borate	68.7	67.8	48		218
2909	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope			207
2910	C ₄ H ₈ O ₂	Allyl formate	80.0	<71.5	...		255
2911	C ₄ H ₈ O	2-Butanone	79.6	<71.5	>75		252
2912	C ₄ H ₈ O ₂	Ethyl acetate	77.1	70	78		253*, 334
2913	C ₄ H ₈ O ₂	Isopropyl formate	68.8	<66.5	>38		255
2914	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope			227
2915	C ₄ H ₈ O ₂	Propyl formate	80.85	72.0	90		227
2916	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope			229
2917	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope			207
2918	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope			334
2919	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope			239
2920	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope			243
2921	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	Nonazeotrope			255
2922	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	Nonazeotrope			207
2923	C ₆ H ₆	Benzene	80.2	Nonazeotrope			243
			80.2	74-75	80		334
2924	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope			255
2925	C ₆ H ₁₄	Hexane	68.95	68	76		243
2926	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope			239
2927	C ₇ H ₁₆	Heptane	98.4	V.p. data			
				Nonazeotrope			389
A =	C₂H₅IO	2-Iodoethanol	176.5				
2928	C ₃ H ₅ Br ₂	1,2-Dibromopropene	140.5	Nonazeotrope			255
2929	C ₃ H ₁₁ I	1-Iodo-3-methylbutane	147.65	145.8	23		255
2930	C ₆ H ₅ Br	Bromobenzene	156.1	153.5	25		247
2931	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope			255
2932	C ₇ H ₇ Cl	o-Chlorotoluene	159.2	155.5	29		247
2933	C ₇ H ₈	Toluene	110.75	Nonazeotrope			255
2934	C ₈ H ₁₀	o-Xylene	144.3	<143.5	>10		255
2935	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	164.0	40		255
2936	C ₈ H ₁₀ O	Phenetole	170.45	166.0	38		247
2937	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope			255
2938	C ₉ H ₁₂	Mesitylene	164.6	158.5	35		247
2939	C ₉ H ₁₂	Propyl benzene	159.3	155.0	30		247
2940	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope			255
2941	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	166.5	50		247
A =	C₂H₅NO	Acetamide	221.2				
2942	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope			209
2943	C ₂ H ₇ NO	2-Aminoethanol	170.8	Nonazeotrope			231
2944	C ₃ H ₅ Br ₃	1,2,3-Tribromopropene	220	200	~17		215
2945	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropene	156.85	154.5	7.5		215
2946	C ₃ H ₅ Br ₂	1,2-Dibromopropene	140.5	Nonazeotrope			207
2947	C ₃ H ₅ Br ₂	1,3-Dibromopropene	166.9	<165.5	<11		~255
2948	C ₃ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	175.8	<175.5	...		255
2949	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope			207
2950	C ₃ H ₇ NO	Propionamide	222.2	220.9	72		218
2951	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope			207
2952	C ₃ H ₈ O ₂	1,2-Propanediol	187.8	Nonazeotrope			255
2953	C ₃ H ₈ O ₃	Glycerol	290	Nonazeotrope			244
2954	C ₄ H ₅ NS	Allyl isothiocyanate	152.0	Nonazeotrope			255
2955	C ₄ H ₆ O ₄	Methyl oxalate	164.2	Nonazeotrope			215
2956	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope			207
2957	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope			255
2958	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope			236
2959	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	178.25	3		207

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C_2H_5NO	Acetamide (<i>continued</i>)	221.2			
2960	$C_4H_8O_2$	Glycol monoacetate	190.9	190.7	5	207
2961	C_4H_9I	1-Iodobutane	130.4	130.1	~3	255
2962	C_4H_9I	1-Iodo-2-methylpropane	120.8	120.5	1.5	255
2963	$C_4H_{10}O$	Butyl alcohol	117.75	Nonazeotrope		207
2964	$C_4H_{10}O_2$	Diethylene glycol	245.5	Nonazeotrope		207
2965	$C_4H_{11}NO_2$	2,2'-Iminodiethanol	268.0	Nonazeotrope		231
2966	$C_5H_8O_2$	2-Furaldehyde	161.45	Reacts		215
2967	$C_5H_8O_2$	Furfuryl alcohol	169.35	Nonazeotrope		255
2968	$C_5H_8O_2$	Levulinic acid	252	Nonazeotrope		207
2969	$C_5H_9ClO_2$	Propyl chloroacetate	163.5	Nonazeotrope		255
2970	$C_5H_{10}O_2$	Isovaleric acid	176.5	Nonazeotrope		255
2971	$C_5H_{10}O_2$	Ethyl carbonate	126.5	Nonazeotrope		255
2972	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
2973	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.3	120.0	~1	215
2974	$C_5H_{11}I$	1-Iodo-3-methylbutane	147.65	146	5	215
2975	$C_5H_{12}O$	Amyl alcohol	138.2	Nonazeotrope		255
2976	$C_5H_{12}O$	Isoamyl alcohol	131.3	Nonazeotrope		207
2977	$C_5H_{12}O$	2-Pentanol	119.8	Nonazeotrope		255
2978	$C_5H_{12}O_2$	2-Propoxyethanol	151.35	Nonazeotrope		208
2979	$C_5H_{12}O_2$	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		207
2980	$C_6H_4Br_2$	<i>p</i> -Dibromobenzene	220.25	199.35	18	254
2981	C_6H_4BrCl	<i>p</i> -Bromochlorobenzene	196.4	<187.0	...	242
2982	$C_6H_4ClNO_2$	<i>m</i> -Chloronitrobenzene	235.5	212.5	50	234
2983	$C_6H_4ClNO_2$	<i>o</i> -Chloronitrobenzene	246.0	216.0	60	234
2984	$C_6H_4ClNO_2$	<i>p</i> -Chloronitrobenzene	239.1	213.6	55	207
2985	$C_6H_4Cl_2$	<i>o</i> -Dichlorobenzene	179.2	174.0	10	244
2986	$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene	174.35	169.9	10	254
2987	C_6H_5Br	Bromobenzene	156.1	154.85	4.2	207
2988	C_6H_5BrO	<i>o</i> -Bromophenol	194.8	223.0	50	242
2989	C_6H_5Cl	Chlorobenzene	132.0	~131.85	~3	254
2990	C_6H_5ClO	<i>o</i> -Chlorophenol	175.8	Nonazeotrope		255
2991	C_6H_5ClO	<i>p</i> -Chlorophenol	219.75	231.7	33	254
2992	C_6H_5I	Iodobenzene	188.5	180	13	207
2993	$C_6H_5NO_2$	Nitrobenzene	210.75	201.95	24	234
2994	$C_6H_5NO_2$	<i>o</i> -Nitrophenol	217.25	207.7	24.2	207
2995	C_6H_6O	Phenol	182.2	Nonazeotrope		207
2996	C_6H_6O	Phenol	182.2	221.3	~98	209
2997	$C_6H_6O_2$	Pyrocatechol	245.9	Nonazeotrope		207
2998	$C_6H_6O_2$	Resorcinol	281.4	Nonazeotrope		221
2999	C_6H_7N	Aniline	184.35	Nonazeotrope		231
3000	$C_6H_8N_2$	<i>o</i> -Phenylenediamine	258.6	Nonazeotrope		207
3001	$C_6H_8O_4$	Methyl maleate	204.05	201.9	11	250
3002	$C_6H_{10}O$	Cyclohexanone	155.7	Nonazeotrope		232
3003	$C_6H_{10}O_4$	Ethylidene diacetate	168.5	Nonazeotrope		207
3004	$C_6H_{10}O_4$	Ethyl oxalate	185.65	185.3	4.2	254
3005	$C_6H_{10}O_4$	Glycol diacetate	186.3	Nonazeotrope		255
3006	$C_6H_{10}S$	Allyl sulfide	139.35	Nonazeotrope		248
3007	$C_6H_{11}NO_2$	Nitrocyclohexane	205.3	<200	<22	255
3008	$C_6H_{12}O$	Cyclohexanol	160.7	Nonazeotrope		207
3009	$C_6H_{12}O_2$	Butyl acetate	126.0	Nonazeotrope		207
3010	$C_6H_{12}O_2$	Caproic acid	205.15	<202.8	...	255
3011	$C_6H_{12}O_2$	Isoamyl formate	123.8	Nonazeotrope		255
3012	$C_6H_{12}O_2$	Propyl propionate	123.0	Nonazeotrope		255
3013	$C_6H_{12}O_2$	2-Ethoxy ethyl acetate	156.8	Nonazeotrope		208
3014	$C_6H_{12}O_2$	Propyl lactate	171.7	Nonazeotrope		255
3015	$C_6H_{12}Br$	1-Bromohexane	156.5	154.5	7.5	242
3016	$C_6H_{14}O$	Hexyl alcohol	157.8	Nonazeotrope		207
3017	$C_6H_{14}O_2$	2-Butoxyethanol	171.15	Nonazeotrope		207
3018	$C_6H_{14}O_2$	Pinacol	174.3	Nonazeotrope		215
3019	$C_6H_{16}NO$	2-Diethylaminoethanol	162.2	Nonazeotrope		231
3020	$C_7H_5Cl_3$	α,α,α -Trichlorotoluene	220.9	Reacts		215
3021	$C_7H_5Cl_2$	α,α -Dichlorotoluene	205.15	190.8	15.5	214
3022	C_7H_6O	Benzaldehyde	179.2	178.6	6.5	207
3023	$C_7H_6O_2$	Benzoic acid	250.5	Nonazeotrope		207
3024	C_7H_7Br	<i>m</i> -Bromotoluene	184.3	177.05	11.0	207
3025	C_7H_7Br	<i>o</i> -Bromotoluene	181.45	175	11.0	207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C ₇ H ₇ NO	Acetamide (<i>continued</i>)	221.2			
3026	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	178.0	12	215
3027	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	<207.7	....	255
3028	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	173.7	11	214
3029	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	157.8	8	215
3030	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.0	8.5	207
3031	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	191.0	20	242
3032	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	<193.0	<26	255
3033	C ₇ H ₇ I	<i>p</i> -Iodotoluene	212	195	17	215
3034	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	280.8	210.8	42	254
3035	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	206.45	32.5	254
3036	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	213.4	48	207
3037	C ₇ H ₈	Toluene	110.75	Nonazeotrope		207, 209
3038	C ₇ H ₈ O	Anisole	158.85	Nonazeotrope		207
3039	C ₇ H ₈ O	Benzyl alcohol	205.1	Nonazeotrope		207
3040	C ₇ H ₈ O	<i>m</i> -Cresol	202.1	Nonazeotrope		207
3041	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		207
3042	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		207
3043	C ₇ H ₈ O ₂	Guaiacol	205.05	204.55	7.5	254
3044	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	244	220.8	~80	215
3045	C ₇ H ₉ N	Methylaniline	196.25	193.8	14	231
3046	C ₇ H ₉ N	<i>m</i> -Toluidine	208.1	200.95	14	231
3047	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	198.55	12	207
3048	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	198.7	12	231
3049	C ₇ H ₁₁ ClO ₂	Isoamyl chloroacetate	195.0	<194.1	....	255
3050	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		207
3051	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		232
3052	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
3053	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		232
3054	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		255
3055	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		207
3056	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	<216.5	....	255
3057	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		207
3058	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		207
3059	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		207
3060	C ₇ H ₁₄ O ₂	Isobutyl propionate	127.5	Nonazeotrope		255
3061	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
3062	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
3063	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	<181.5	<12	255
3064	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		207
3065	C ₇ H ₁₆ O	Heptyl alcohol	176.35	Nonazeotrope		207
3066	C ₇ H ₁₆ O ₂	Ethyl orthoformate	145.75	Nonazeotrope		207
3067	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	Nonazeotrope		207
3068	C ₈ H ₇ N	Indole	258.5	Nonazeotrope		207
3069	C ₈ H ₈	Styrene	145.8	144	12	254
3070	C ₈ H ₈ O	Acetophenone	202.0	197.45	16.3	207
3071	C ₈ H ₈ O ₂	Benzyl formate	203.0	193.0	22	244
3072	C ₈ H ₈ O ₂	Methyl benzoate	199.45	193.8	15	254
3073	C ₈ H ₈ O ₂	Phenyl acetate	195.7	~194.5	~7	254
3074	C ₈ H ₈ O ₂	α -Toluic acid	266.5	Nonazeotrope		207
3075	C ₈ H ₈ O ₂	Methyl salicylate	222.3	205.8	29	208
3076	C ₈ H ₈ BrO	<i>p</i> -Bromophenetole	234.2	212.0	35	242
3077	C ₈ H ₁₀	Ethylbenzene	126.15	135.6	~8	215
3078	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	142.6	11	242
3079	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.4	10	207
3080	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	137.75	8	207
3081	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	166.0	10	255
3082	C ₈ H ₁₀ O	<i>p</i> -Methyl anisole	177.05	174.2	11	236
3083	C ₈ H ₁₀ O	Phenethyl alcohol	219.5	214.05	35	208
3084	C ₈ H ₁₀ O	Phenetole	170.5	168.3	10.8	254
3085	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		255
3086	C ₈ H ₁₀ O	3,4-Xylenol	226.8	221.1	96	207
3087	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	199.0	25	215
3088	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	<215.0	....	255
3089	C ₈ H ₁₀ O ₂	Veratrol	205.5	193.5	23	215
3090	C ₈ H ₁₁ N	Dimethylaniline	194.15	186.95	17.5	231

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C_2H_5NO	Acetamide (<i>continued</i>)	221.2			
3091	$C_8H_{11}N$	2,4-Xylidine	214.0	<209.5	21	331
3092	$C_8H_{11}N$	3,4-Xylidine	225.5	<213.5	<29	331
3093	$C_8H_{11}N$	Ethylaniline	205.5	199.0	18	331
3094	$C_8H_{11}NO$	<i>o</i> -Phenetidine	232.5	216.0	55	307
3095	$C_8H_{11}NO$	<i>p</i> -Phenetidine	249.9	Nonazeotrope		331
3096	$C_8H_{12}O_4$	Ethyl fumarate	217.85	205.5	26.7	307
3097	$C_8H_{12}O_4$	Ethyl maleate	223.3	210.15	32	307
3098	$C_8H_{14}O$	Methyl heptenone	173.2	Nonazeotrope		333
3099	$C_8H_{16}O$	2-Octanone	172.85	Nonazeotrope		333
3100	$C_8H_{16}O_2$	Butyl butyrate	166.4	164.5	7	344
3102	$C_8H_{16}O_2$	Caprylic acid	238.5	<219.5	....	355
3103	$C_8H_{16}O_2$	Hexyl acetate	171.5	169.5	10	343
3104	$C_8H_{16}O_2$	Isoamyl propionate	160.7	159.8	4	344
3105	$C_8H_{16}O_2$	Isobutyl butyrate	156.8	Nonazeotrope		315
3106	$C_8H_{16}O_2$	Isobutyl isobutyrate	148.6	Nonazeotrope		355
3107	$C_8H_{16}O_2$	Propyl isovalerate	155.7	<155.3	>3	355
3108	$C_8H_{16}O_3$	Isoamyl lactate	202.4	<196.0	<28	355
3109	C_8H_{18}	2,5-Dimethylhexane	109.4	Nonazeotrope		307
3110	C_8H_{18}	Octane	125.7	125.6	~1	315
3111	$C_8H_{18}O$	Butyl ether	142.4	<142.0	<10	355
3112	$C_8H_{18}O$	Octyl alcohol	195.2	194.45	9.5	344
3113	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		307
3114	$C_8H_{18}S$	Butyl sulfide	185.0	180.0	8	346
3115	$C_8H_{18}S$	Isobutyl sulfide	172.0	<170.5	<7	346
3116	C_8H_7N	Quinoline	237.3	Nonazeotrope		307
3117	C_9H_8	Indene	183.0	177.2	17.5	307
3118	C_9H_8O	Cinnamaldehyde	253.5	Nonazeotrope		307
3119	$C_9H_{10}O$	Cinnamyl alcohol	257	Nonazeotrope		344
3120	$C_9H_{10}O$	<i>p</i> -Methyl acetophenone	226.35	209.8	38.3	333
3121	$C_9H_{10}O$	Propiophenone	217.7	204.0	31	307
3122	$C_9H_{10}O_2$	Benzyl acetate	~214.9	204.8	27.5	354
3123	$C_9H_{10}O_2$	Ethyl benzoate	212.6	200.85	24	354
3124	$C_9H_{10}O_2$	Methyl α -toluate	215.3	203.0	30	343
3125	$C_9H_{10}O_3$	Ethyl salicylate	233.7	209.2	40.2	316
3126	C_9H_{12}	Cumene	152.8	<150.8	>8	355
3127	C_9H_{12}	Mesitylene	164.6	~160.0	~15	353
3128	C_9H_{12}	Pseudocumene	168.2	<164.8	....	355
3129	$C_9H_{12}O$	Benzyl ethyl ether	185.0	179.0	17	343
3130	$C_9H_{12}O$	3-Phenyl propanol	235.6	Nonazeotrope		307
3131	$C_9H_{12}O$	Phenyl propyl ether	190.2	183.5	20	315
3132	$C_9H_{12}O_2$	2-Benzoyloxyethanol	265.2	Nonazeotrope		355
3133	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	177.95	16.5	331
3134	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	194.0	22	331
3135	$C_9H_{14}O$	Phorone	197.8	194.8	12	333
3136	$C_9H_{16}O$	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		333
3137	$C_9H_{16}O_2$	Ethyl enanthate	183.7	183.0	16	343
3138	$C_9H_{16}O_2$	Isoamyl butyrate	178.5	174.75	11.8	316
3139	$C_9H_{16}O_2$	Isoamyl isobutyrate	169.8	167.5	9	344
3140	$C_9H_{16}O_2$	Isobutyl isovalerate	171.35	169.3	10.5	331
3141	$C_9H_{16}O_2$	Methyl caprylate	192.9	186.0	15	344
3142	$C_{10}H_7Br$	1-Bromonaphthalene	281.8	217.35	56.5	307
3143	$C_{10}H_7Cl$	1-Chloronaphthalene	~262.7	213.9	52.2	307
3144	$C_{10}H_8$	Naphthalene	218.05	199.55	27	307
3145	$C_{10}H_8O$	1-Naphthol	288	Nonazeotrope		307
3146	$C_{10}H_8O$	2-Naphthol	290	Nonazeotrope		334
3147	$C_{10}H_9N$	1-Naphthylamine	300.8	Nonazeotrope		331
3148	$C_{10}H_9N$	Quinaldine	246.5	Nonazeotrope		355
3149	$C_{10}H_{10}O_2$	Isosafrol	252.1	214.0	47	354
3150	$C_{10}H_{10}O_2$	Methyl cinnamate	261.95	219.1	62	307
3151	$C_{10}H_{10}O_2$	Safrol	235.9	208.8	32	307
3152	$C_{10}H_{10}O_4$	Methyl phthalate	283.7	Nonazeotrope		333
3153	$C_{10}H_{12}O$	Anethole	235.7	208.0	38	307
3154	$C_{10}H_{12}O$	Estragole	215.8	~199.8	~24	354
3155	$C_{10}H_{12}O_2$	Ethyl α -toluate	228.75	209.6	35.5	316
3156	$C_{10}H_{12}O_2$	Eugenol	256	220.8	36	307
3157	$C_{10}H_{12}O_3$	Isoeugenol	268.8	Nonazeotrope		307

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C_2H_5NO	Acetamide (<i>continued</i>)	221.2			
3158	$C_{10}H_{12}O_2$	Propyl benzoate	230.85	209.0	38	207
3159	$C_{10}H_{14}$	Butylbenzene	183.1	<176.0	....	255
3160	$C_{10}H_{14}$	Cymene	176.7	170.5	19	207
3161	$C_{10}H_{14}O$	Carvacrol	237.85	<220.8	....	255
3162	$C_{10}H_{14}O$	Carvone	231	210.65	42.5	207
3163	$C_{10}H_{14}O$	Thymol	232.8	219.9	70.5	207
3164	$C_{10}H_{14}O_2$	<i>m</i> -Diethoxybenzene	235.0	208.5	34	215
3165	$C_{10}H_{15}N$	Diethylaniline	217.05	198.05	24	231
3166	$C_{10}H_{16}$	Camphene	159.6	155.5	12	207
3167	$C_{10}H_{16}$	Dipentene	177.7	169.15	18	207
3168	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	169.2	16	209
3169	$C_{10}H_{16}$	Nopinene	163.8	159.5	18	207
3170	$C_{10}H_{16}$	α -Pinene	155.8	152.5	13	216
3171	$C_{10}H_{16}$	α -Terpinene	173.4	167.5	18	242
3172	$C_{10}H_{16}$	γ -Terpinene	183	175.0	~20	255
3173	$C_{10}H_{16}$	Terpinolene	184.6	176.5	20	242
3174	$C_{10}H_{16}$	Thymene	179.7	169.8	18	215
3175	$C_{10}H_{16}O$	Camphor	209.1	199.8	23	232
3176	$C_{10}H_{16}O$	Carvenone	234.5	233.0	44	232
3177	$C_{10}H_{16}O$	Fenchone	193.6	<192.8	>5	232
3178	$C_{10}H_{16}O$	Pulegone	223.8	205.9	36	207
3179	$C_{10}H_{17}Cl$	Bornyl chloride	207.5	<195.0	....	255
3180	$C_{10}H_{18}O$	Borneol	213.4	205.4	26	207
3181	$C_{10}H_{18}O$	Cineol	176.35	170.9	17	254
3182	$C_{10}H_{18}O$	Citronellal	208.0	199	Reacts	255
3183	$C_{10}H_{18}O$	Geraniol	229.6	213.5	45	207
3184	$C_{10}H_{18}O$	Linalool	198.6	<198.0	<12	255
3185	$C_{10}H_{18}O$	α -Terpineol	217.8	205.2	28	209
3186	$C_{10}H_{18}O$	β -Terpineol	210.5	203.0	22	247
3187	$C_{10}H_{20}O$	Citronellol	224.4	209.5	40	247
3188	$C_{10}H_{20}O$	Menthol	216.4	204.45	27	244
3189	$C_{10}H_{20}O_2$	Ethyl caprylate	208.35	196.0	24	242
3190	$C_{10}H_{20}O_2$	Isoamyl isovalerate	192.7	184.85	16	244
3191	$C_{10}H_{20}O_2$	Isoamyl valerate	192.7	184.85	16	231
3192	$C_{10}H_{20}O_2$	Methyl pelargonate	213.7	268.5	28	244
3193	$C_{10}H_{22}$	2,7-Dimethyloctane	160.1	155.5	15	242
3194	$C_{10}H_{22}O$	<i>n</i> -Decyl alcohol	232.9	211.1	49	209
3195	$C_{10}H_{22}O$	Amyl ether	187.5	178.0	20	236
3196	$C_{10}H_{22}O$	Isoamyl ether	173.4	166.95	14.5	236
3197	$C_{10}H_{22}S$	Isoamyl sulfide	214.8	199.5	17	246
3198	$C_{11}H_{18}$	1-Methylnaphthalene	245.1	209.8	43.8	254
3199	$C_{11}H_{18}$	2-Methylnaphthalene	241.15	208.25	40	207
3200	$C_{11}H_{18}O_2$	Ethyl cinnamate	272.5	271.5	70	244
3201	$C_{11}H_{14}O_2$	1-Allyl-3,4-dimethoxybenzene	255.2	216.85	50	207
3202	$C_{11}H_{14}O_2$	Butyl benzoate	251.2	214.0	49	215
3203	$C_{11}H_{14}O_2$	1,2-Dimethoxy-4-propenylbenzene	270.5	219.55	69	254
3204	$C_{11}H_{14}O_2$	Ethyl β -phenyl propionate	248.1	215.5	48	242
3205	$C_{11}H_{14}O_2$	Isobutyl benzoate	241.9	211.2	42	250
3206	$C_{11}H_{20}O$	Isobornyl methyl ether	192.4	<185.5	<23	242
3207	$C_{11}H_{20}O$	Methyl α -terpineol ether	216.2	<200.5	<28	242
3208	$C_{11}H_{22}O_2$	Isoamyl carbonate	232.2	205.65	32	244
3209	$C_{12}H_{18}$	Acenaphthene	277.9	217.1	64.2	207
3210	$C_{12}H_{18}$	Biphenyl	255.9	212.95	50.5	207
3211	$C_{12}H_{18}O$	Phenyl ether	259.3	214.55	52	254
3212	$C_{12}H_{14}O_4$	Ethyl phthalate	295	Nonazeotrope		207
3213	$C_{12}H_{16}O_2$	Isoamyl benzoate	262.05	215.4	55	254
3214	$C_{12}H_{16}O_2$	Isoamyl salicylate	277.5	220.0	70	255
3215	$C_{12}H_{18}$	1,3,5-Triethylbenzene	215.5	198.0	27	254
3216	$C_{12}H_{20}O_2$	Bornyl acetate	227.6	205.0	32	207
3217	$C_{12}H_{20}O$	Ethyl isobornyl ether	203.8	<193.0	<25	255
3218	$C_{12}H_{22}O_4$	Isoamyl oxalate	268.0	~217	~60	222
3219	$C_{12}H_{18}$	Fluorene	295	<219.7	>72	255
3220	$C_{12}H_{18}O_2$	Phenyl benzoate	315	Nonazeotrope		207
3221	$C_{12}H_{18}$	Diphenyl methane	265.6	215.15	56.5	254
3222	$C_{12}H_{18}O$	Benzyl phenyl ether	286.5	<220.8	>92	255
3223	$C_{14}H_{12}$	Stilbene	306.5	220.5	~88	255

No.	B-Component		B.P., ° C.	Azeotropic Data		
	Formula	Name		B.P., ° C.	Wt. % A	Ref.
A =	C_2H_5NO	Acetamide (<i>continued</i>)	221.2			
3224	$C_{14}H_{14}$	1,2-Diphenylethane	284	218.2	68	217
3225	$C_{14}H_{14}O$	Benzyl ether	297	Nonazeotrope		255
A =	$C_2H_5NO_2$	Ethyl Nitrite	17.4			
3226	C_2H_6S	Methyl sulfide	37.4	Nonazeotrope		230
3227	C_3H_5Cl	2-Chloropropene	22.65	Nonazeotrope		230
3228	C_3H_7Cl	2-Chloropropane	34.9	Nonazeotrope		230
3229	C_3H_8O	Isopropyl alcohol	82.35	Min. b.p.		256
3230	$C_3H_6O_2$	Methylal	42.3	Nonazeotrope		230
3231	C_4H_4O	Furan	31.7	Nonazeotrope		230
3232	C_4H_{10}	Butane	0.6	Nonazeotrope		230
3233	$C_4H_{10}O$	Ethyl ether	34.6	Nonazeotrope		230
3234	C_5H_{10}	Cyclopentane	49.3	Nonazeotrope		230
3235	C_5H_{10}	3-Methyl-1-butene	20.6	15.5	60	230
3236	C_5H_{10}	2-Methyl-2-butene	37.15	Nonazeotrope		230
3237	C_5H_{12}	2-Methylbutane	27.95	16.7	90	230
3238	C_5H_{12}	Pentane	36.15	Nonazeotrope		230
3239	C_5H_{12}	Ethyl propyl ether	38.85	Nonazeotrope		230
A =	$C_2H_5NO_2$	Nitroethane	114.2			
3240	$C_2H_5NO_2$	Ethyl nitrate	87.7	Nonazeotrope		234
3241	C_2H_6O	Ethyl alcohol	78.3	Nonazeotrope		234
3242	$C_3H_6O_2$	Propionic acid	141.3	Nonazeotrope		255
3243	C_3H_7ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		234
3244	$C_3H_7NO_2$	Propyl nitrate	110.5	<109.6	>21	234
3245	C_3H_8O	Propyl alcohol	97.2	<95.0	>23	234
3246	$C_4H_8O_2$	Dioxane	101.35	Nonazeotrope		234
3247	C_4H_9Br	1-Bromobutane	101.5	96.0	25	234
3248	C_4H_9Br	1-Bromo-2-methylpropane	91.4	89.5	10	234
3249	C_4H_9Cl	1-Chlorobutane	78.5	Nonazeotrope		234
3250	$C_4H_{10}O$	Butyl alcohol	117.8	107.7	55	234
3251	$C_4H_{10}O$	Isobutyl alcohol	108.0	102.5	40	234
3252	$C_5H_{10}O$	3-Pentanone	102.05	Nonazeotrope		255
3253	$C_5H_{10}O_2$	Propyl acetate	101.6	Nonazeotrope		234
3254	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.65	<108.5	>55	234
3255	$C_5H_{12}O$	Amyl alcohol	138.2	<137.8	>83	234
3256	$C_5H_{12}O$	tert-Amyl alcohol	102.35	<98.6	>30	234
3257	$C_5H_{12}O$	Isoamyl alcohol	131.9	112.0	78	234
3258	$C_5H_{12}O_2$	2-Propoxyethanol	151.35	Nonazeotrope		234
3259	C_6H_6	Benzene	80.15	Nonazeotrope		234
3260	C_6H_{12}	Methylcyclopentane	72.0	<71.2	>4	234
3261	$C_6H_{12}O$	4-Methyl-2-pentanone	116.05	<113.0	....	255
3262	$C_6H_{12}O_2$	Butyl acetate	126.0	Nonazeotrope		234
3263	$C_6H_{12}O_2$	Ethyl butyrate	121.5	<113.7	>73	234
3264	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1	108.5	27	234
3265	$C_6H_{12}O_2$	Isobutyl acetate	117.4	112.5	60	234
3266	$C_6H_{14}S$	Isopropyl sulfide	120.5	<110.9	>60	234
3267	C_7H_8	Toluene	110.75	106.2	25	74*, 234
3268	C_7H_{14}	Methylcyclohexane	101.15	90.8	30	234
3269	C_nH_{2n+2}	Paraffins	07-110	82-104	....	74
3270	C_7H_{16}	n-Heptane	98.4	89.2	28	234
3271	C_8H_{18}	m-Xylene	139.2	Nonazeotrope		234
3272	C_8H_{18}	2,5-Dimethylhexane	109.4	<96.9	>62	234
A =	$C_2H_5NO_3$	Ethyl Nitrate	87.68			
3273	C_2H_6O	Ethyl alcohol	78.3	71.85	56	216
3274	C_3H_5Br	3-Bromopropene	70.5	Nonazeotrope		240
3275	C_3H_5I	3-Iodopropene	101.8	<87.0	....	240
3276	$C_3H_5Cl_2$	2,2-Dichloropropane	70.4	Nonazeotrope		255
3277	C_3H_6O	Allyl alcohol	96.95	83.15	77.5	207
3278	$C_3H_6O_3$	Methyl carbonate	90.25	Nonazeotrope		207
3279	C_3H_7Br	1-Bromopropane	71.0	Nonazeotrope		207
3280	C_3H_7I	1-Iodopropane	102.4	87.4	....	240
3281	C_3H_7I	2-Iodopropane	89.45	83.2	52	207
3282	C_3H_8O	Isopropyl alcohol	82.35	77.0	53	240
3283	C_3H_8O	Propyl alcohol	97.25	82.55	70	216
3284	C_4H_4S	Thiophene	84.7	Nonazeotrope		207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	$C_2H_5NO_2$	Ethyl Nitrate (<i>continued</i>)	87.68			
3285	C_4H_8O	2-Butanone	79.6	Nonazeotrope		307
3286	$C_6H_{12}O_2$	Dioxane	101.85	Nonazeotrope		307
3287	C_4H_9Br	1-Bromobutane	101.6	Nonazeotrope		307
3288	C_4H_9Br	2-Bromobutane	91.2	<85.5	<68	340
3289	C_4H_9Br	1-Bromo-2-methylpropane	91.4	85.0	65	350
3290	C_4H_9Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		307
3291	C_4H_9Cl	1-Chlorobutane	78.5	<78	<20	307
3292	C_4H_9Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		307
3293	$C_4H_{10}O$	Butyl alcohol	117.75	87.45	96	307
3294	$C_4H_{10}O$	<i>sec</i> -Butyl alcohol	99.5	84.8	78	307
3295	$C_4H_{10}O$	<i>tert</i> -Butyl alcohol	82.55	78.1	45	307
3296	$C_4H_{10}O$	Isobutyl alcohol	107.85	86.4	86	317
3297	$C_4H_{10}S$	Ethyl sulfide	92.1	85.0	58	340
3298	C_5H_{10}	Cyclopentane	49.3	Nonazeotrope		307
3299	$C_5H_{10}O$	Isovaleraldehyde	92.1	Nonazeotrope		307
3300	$C_5H_{11}Cl$	1-Chloro-3-methylbutane	99.4	87.55	92	307
3301	$C_5H_{12}O$	<i>tert</i> -Amyl alcohol	102.35	<87.0	<95	307
3302	$C_5H_{12}O$	2-Pentanol	119.8	Nonazeotrope		307
3303	$C_5H_{12}O_2$	Diethoxymethane	87.95	85.85	49	350
3304	C_6H_6F	Fluorobenzene	84.9	<82.5	<42	340
3305	C_6H_6	Benzene	80.15	80.03	12	340
3306	C_6H_8	1,3-Cyclohexadiene	80.4	76	<38	340
3307	C_6H_{12}	Cyclohexane	80.75	74.5	36	340
3308	C_6H_{12}	Methylcyclopentane	72.0	68.7	20	340
3309	C_6H_{14}	Hexane	68.8	66.25	24	350
3310	$C_6H_{14}O$	Propyl ether	90.1	<87.0	>65	307
3311	$C_6H_{14}O_2$	Acetal	103.55	Nonazeotrope		337
3312	C_7H_8	Toluene	110.7	Nonazeotrope		307
3313	C_7H_{14}	Methylcyclohexane	101.15	83.85	...	351
3314	C_7H_{16}	Heptane	98.4	82.8	63	307
3315	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		340
3316	C_8H_{18}	2,5-Dimethylhexane	109.2	86	84	340
A =	C_2H_6	Ethane	-93			
3317	C_2H_6O	Ethyl alcohol	78.3	Nonazeotrope		343
3318	C_3H_8O	Isopropyl alcohol	82.45	Nonazeotrope		343
3319	C_3H_8O	Propyl alcohol	97.2	Nonazeotrope		334
3320	C_4H_{10}	Butane	0.6	Nonazeotrope		343
3321	$C_4H_{10}O$	Isobutyl alcohol	108	Nonazeotrope		343
A =	$C_2H_6Cl_2Si$	Dichlorodimethylsilane	....		
3322	C_7H_{16}	2-Methylhexane	90.1	Nonazeotrope		343
3323	C_7H_{16}	3-Methylhexane	91.96	Nonazeotrope		343
A =	C_2H_6O	Ethyl Alcohol	78.3			
3324	C_2H_6S	Methyl sulfide	37.4	Nonazeotrope		343
3325	C_3H_5Br	<i>trans</i> -1-Bromopropene	63.25	58.7	11	343
3326	C_3H_5Br	<i>cis</i> -1-Bromopropene	57.8	56.4	9	343
3327	C_3H_5Br	2-Bromopropene	48.35	46.2	6	343
3328	C_3H_5Br	3-Bromopropene	70.8	62.9	...	357
3329	C_3H_5Cl	<i>cis</i> -1-Chloropropene	32.8	32.1	...	313
3330	C_3H_5Cl	<i>trans</i> -1-Chloropropene	37.4	36.7	4	355
3331	C_3H_5Cl	2-Chloropropene	22.65	Nonazeotrope		353
3332	C_3H_5Cl	3-Chloropropene	45.7	44	5	358
3333	C_3H_5ClO	Epichlorohydrin	116.4	Nonazeotrope		336
3334	C_3H_5I	3-Iodoprene	102	75.4	42	313
3335	C_3H_5N	Propionitrile	97.1	77.5	....	343
		760 mm.	....	81	25.0	} 139*, 166
		760 mm.	97.1	....	27.5	
		200 mm.	....	....	28.0	
		100 mm.	....	....	35.5	
		25 mm.	....	....	38.0	
3336	$C_2H_4Cl_2$	1,1-Dichloroethane	96.2	74.7	52.74	313
3337	$C_2H_4Cl_2$	2,2-Dichloroethane	69.8	63.2	14.5	353
3338	C_3H_6O	Acetone	56.1	Nonazeotrope		155, 325*
				B.p. curve		
3339	C_3H_6O	Propionaldehyde	48.7	Nonazeotrope		355

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C ₂ H ₅ O	Ethyl Alcohol (<i>continued</i>)	78.3			
3340	C ₂ H ₅ OS	Methyl thioacetate	95.5	77.8	....	258
3341	C ₂ H ₅ O ₂	Ethyl formate	54.1	54.05	....	218
3342	C ₂ H ₅ O ₂	Methyl acetate	56.95	56.9	~3	218
3343	C ₂ H ₅ O ₂	Methyl carbonate	90.35	73.5	~45	218
3344	C ₂ H ₇ Br	1-Bromopropane	71	63.6	16.24	
				B.p. curve		163
3345	C ₂ H ₇ Br	2-Bromopropane	59.8	55.5	11.5	207
3346	C ₂ H ₇ Cl	1-Chloropropane	46.65	44.95	6	255
3347	C ₂ H ₇ Cl	2-Chloropropane	36.25	35.6	2.8	253
3348	C ₂ H ₇ I	1-Iodopropane	102.4	75.4	44	253
3349	C ₂ H ₇ I	2-Iodopropane	89.35	70.2	25	255
3350	C ₂ H ₇ NO ₂	Propyl nitrate	110.5	75.0	....	240
3351	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		243
3352	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		228
3353	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		255
3354	C ₃ H ₈ O ₂	Methylal	42.1	Nonazeotrope		238
3355	C ₃ H ₈ S	Propanethiol	67.3	<63.5	<19	246
3356	C ₃ H ₈ BO ₂	Methyl borate	68.7	63.0	~25	218
3357	C ₄ H ₆ N ₂	Pyrazine	114-115	Nonazeotrope		299
3358	C ₄ H ₄ S	Thiophene	84	70.0	45	255
3359	C ₄ H ₆	1,3-Butadiene	-4.5	Nonazeotrope, V-l.		53
3360	C ₄ H ₆ O	Crotonaldehyde	102.2	Nonazeotrope		97
3361	C ₄ H ₇ O ₂	Allyl formate	80.0	71.5	....	247
3362	C ₄ H ₇ O ₂	Biacetyl	87.5	73.9	477	252
3363	C ₄ H ₇ O ₂	Methyl acrylate	80	73.5	42.4	220
3364	C ₄ H ₇ Br	<i>trans</i> -1-Bromo-1-butene	94.70	72.8	35.71	257
3365	C ₄ H ₇ Br	<i>cis</i> -1-Bromo-1-butene	86.15	69.6	77.48	257
3366	C ₄ H ₇ Br	2-Bromo-1-butene	81.0	67.4	22.18	257
3367	C ₄ H ₇ Br	<i>cis</i> -2-Bromo-2-butene	93.9	72.3	33.7	257
3368	C ₄ H ₇ Br	<i>trans</i> -2-Bromo-2-butene	85.55	69.1	26.7	257
3369	C ₄ H ₇ Cl	<i>trans</i> -1-Chloro-1-butene	68	61.2	20.2	280
3370	C ₄ H ₇ Cl	<i>cis</i> -1-Chloro-1-butene	63.4	57	14.8	280
3371	C ₄ H ₇ Cl	2-Chloro-1-butene	58.4	53.6	11.5	280
3372	C ₄ H ₇ Cl	<i>trans</i> -2-Chloro-2-butene	66.6	60	18.4	280
3373	C ₄ H ₇ Cl	<i>cis</i> -2-Chloro-2-butene	62.4	56.8	15.4	280
3374	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	Nonazeotrope		58
3375	C ₄ H ₇ N	Isobutyronitrile	103.85	Nonazeotrope		255
3376	C ₄ H ₈ O	2-Butanone	79.6	75.7	>46	207, 271*
3377	C ₄ H ₈ O	Ethyl vinyl ether	35.5	Nonazeotrope		262
3378	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		255
3379	C ₄ H ₈ OS	Ethyl thioacetate	116.6	Nonazeotrope		255
3380	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope		90
			101.07	78.13	90.7	
				V-l.		168
3381	C ₄ H ₈ O ₂	Ethyl acetate, 25 mm.	....	-1.39	12.81	273, 334*, 428*
		300 mm.	....	47.83	23.22	
		760 mm.	77.05	71.81	30.98	
		1500 mm.	....	91.86	39.07	
3382	C ₄ H ₈ O ₂	Methyl propionate	79.7	72.0	33	216
3383	C ₄ H ₈ O ₂	Propyl formate	80.8	71.75	~41	252
3384	C ₄ H ₉ Br	1-Bromobutane	100.3	75.0	43	253
3385	C ₄ H ₉ Br	2-Bromobutane	91.2	72.5	33	247
3386	C ₄ H ₉ Br	1-Bromo-2-methylpropane	89.2	71.4	41.0	163, 255*
				B.p. curve		
3387	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	63.8	15	243
3388	C ₄ H ₉ Cl	1-Chlorobutane	78.05	65.7	20.3	253
3389	C ₄ H ₉ Cl	2-Chlorobutane	68.25	61.2	15.8	247
3390	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	61.45	16.3	243
3391	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51	~49	~6.5	243
3392	C ₄ H ₉ I	1-Iodobutane	130.4	<78.15	....	247
3393	C ₄ H ₉ I	2-Iodobutane	120.0	77.2	70	247
3394	C ₄ H ₉ I	1-Iodo-2-methylpropane	120	77	70	334
3395	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	77.65	73	253
3396	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	Nonazeotrope		243
3397	C ₄ H ₁₀ O	Ethyl ether	34.5	Nonazeotrope		155, 427*
				B.p. curve		

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₆O	Ethyl Alcohol (continued)	78.3			
3398	C ₄ H ₁₀ O	Methyl propyl ether	38.95	Nonazeotrope		256
3399	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	61.6	12	256
3400	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	133	Nonazeotrope, V-1.		14
3401	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.90	63.95	13.3	429
3402	C ₄ H ₁₀ S	Ethyl sulfide	92.2	72.6	56	235
3403	C ₄ H ₁₁ ClSi	Chloromethyltrimethylsilane	97	72	....	374
3404	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233
3405	C ₅ H ₆ O	2-Methylfuran	63.8	<60.5	<15	255
3406	C ₅ H ₈	Isoprene	34.3	32.65	3	217
3407	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	~39	....	243
3408	C ₅ H ₈ O ₂	Ethyl acrylate	43/103	77.5	72.7	220
3409	C ₅ H ₁₀	Cyclopentane	49.4	44.7	7.5	247
3410	C ₅ H ₁₀	3-Methyl-1-butene	22.5	21.9	~2	217
3411	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243
3412	C ₅ H ₁₀	2-Methyl-2-butene	37.15	37.3	~4	105*, 217
3413	C ₅ H ₁₀ O	Allyl ethyl ether	63-65	60.5	....	257
3414	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
3415	C ₅ H ₁₀ O	2-Pentanone	102	77.7	91.17	93
			102	Effect of pressure		42
3416	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	78.0	75	217
3417	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	77.0	67	216
3418	C ₅ H ₁₀ O ₂	Isopropyl acetate	91.0	76.8	53	216
3419	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	78.0	~83	216
3420	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	77.0	....	216
3421	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	78.18	~85	216
3422	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.2	77.3	72.0	162, 253*
				B.p. curve		
3423	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	74.8	41	253
3424	C ₅ H ₁₁ Cl	1-Chloropentane	108.35	72.5	....	171
3425	C ₅ H ₁₂	2-Methylbutane	27.95	26.75	3.5	217
3426	C ₅ H ₁₂	Pentane	36.15	34.3	5	217
3427	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	61.2	25	253
3428	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	Nonazeotrope		243
3429	C ₅ H ₁₂ O ₂	Diethoxymethane	87.5	74.2	42	131
3430	C ₅ H ₁₄ OSi	Ethoxytrimethylsilane	75-76	....	30	86
			75	66.4	....	338
3431	C ₆ H ₆ Cl	Chlorobenzene	132.0	Nonazeotrope		254
3432	C ₆ H ₆ F	Fluorobenzene	85.15	70.0	25	225
3433	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
3434	C ₆ H ₆	Benzene	80.1	68.24	32.4	431
		198 mm.	....	34.8	25	126*, 334*, 352, 387*,
		382 mm.	....	50	25	388*, 395*,
		570 mm.	....	60	25	397*, 405*,
		711 mm.	....	66	>25	413*, 430*, 437*
3435	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		222
3436	C ₆ H ₈	1,3-Cyclohexadiene	80.8	60.7	34	243
3437	C ₆ H ₈	1,4-Cyclohexadiene	85.6	68.5	....	243
3438	C ₆ H ₁₀	Biallyl	60.2	53.5	13	243
3439	C ₆ H ₁₀	Cyclohexene	82.7	66.7	34	217
3440	C ₆ H ₁₀	1-Hexyne	70.2	62.8	23.2	157
3441	C ₆ H ₁₀	3-Hexyne	80.5	67.5	34.4	157
3442	C ₆ H ₁₀	Methylcyclopentene	75.85	63.3	28	247
3443	C ₆ H ₁₂	Cyclohexane	80.75	64.9	30.5	243
3444	C ₆ H ₁₂	Methylcyclopentane	72.0	60.3	25	247
3445	C ₆ H ₁₂ O	(1-Methylallyl) ethyl ether	76.65	69	....	257
3446	C ₆ H ₁₂ O	<i>trans</i> -2-Butenyl ethyl ether	100.45	77.5	....	257
3447	C ₆ H ₁₂ O	<i>cis</i> -2-Butenyl ethyl ether	100.3	76.2	....	257
3448	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		216
3449	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		216
3450	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	51.5	12	247
3451	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	58.68	21.0	431
3452	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	66.6	21	105
3453	C ₆ H ₁₄ O	Propyl ether	90.4	74.4	44	232
3454	C ₆ H ₁₄ O ₂	Acetal	103.6	78.2	65.5	20, 252*

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C_2H_6O	Ethyl Alcohol (<i>continued</i>)	78.3			
3455	$C_8H_{14}O_2$	Ethoxypropoxymethane	113.7	Nonazeotrope		489
3456	$C_8H_{14}S$	Isopropyl sulfide	120.5	Nonazeotrope		246
3457	$C_8H_{14}N$	Triethylamine	89.4	~75	....	243
3458	$C_8H_{16}SiO$	Ethoxymethyltrimethylsilane	102	74	....	374
3459	$C_8H_{16}O_2Si$	Diethoxydimethylsilane	114	77	83	93
3460	C_7H_8	Toluene	110.7	76.7	68	23, 334*, 387*
			....	0.5	45.5	} 329
			....	25	62.5	
			....	50	64.5	
			....	75.5	65.5	
			V-l. at 35° C., 55° C.			193
3461	C_7H_{12}	1-Heptyne	99.5	74.2	54.6	157
3462	C_7H_{12}	5-Methyl-1-hexyne	90.8	71.0	39.8	157
3463	C_7H_{14}	1,1-Dimethylcyclopentane	87.84	....	36	383
3464	C_7H_{14}	<i>cis</i> -1,2-Dimethylcyclopentane	99.53	....	~47	383
3465	C_7H_{14}	<i>trans</i> -1,2-Dimethylcyclopentane	....	....	~39	383
3466	C_7H_{14}	<i>trans</i> -1,3-Dimethylcyclopentane	90.77	....	~37	383
3467	C_7H_{14}	Ethylcyclopentane	103.45	....	~48	383
3468	C_7H_{14}	Methylcyclohexane	100.8	72.1	47	23
3469	C_7H_{14}		100.95	71.95	....	252
				V-l. at 35.55° C.		194
3470	C_7H_{16}	2,2-Dimethylpentane	79.1	....	~26	383
3471	C_7H_{16}	2,3-Dimethylpentane	89.79	....	~36	383
3472	C_7H_{16}	2,4-Dimethylpentane	80.8	....	29	383
3473	C_7H_{16}	3,3-Dimethylpentane	86.0	....	32	383
3474	C_7H_{16}	3-Ethylpentane	93.5	....	35	383
3475	C_7H_{16}	Heptane	98.45	70.9	49	217
3476	C_7H_{16}	2-Methylhexane	90.0	....	~36	383
3477	C_7H_{16}	3-Methylhexane	91.8	....	~36	383
3478	$C_7H_{16}O$	<i>tert</i> -Amyl ethyl ether	101-2	66.6	21	105
3479	C_8H_8	Styrene	145.8	Nonazeotrope		225
3480	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		217
3481	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		217
3482	C_8H_{10}	<i>o</i> -Xylene	143.6	Nonazeotrope		225
3483	C_8H_{10}	<i>p</i> -Xylene	138.3	Nonazeotrope		220
3484	C_8H_{16}	1,1-Dimethylcyclohexane	....	....	~36	383
3485	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	175.8	70	255
3486	C_8H_{16}	<i>cis</i> -1,4-Dimethylcyclohexane	....	....	~70	383
3487	C_8H_{16}	<i>trans</i> -1,4-Dimethylcyclohexane	....	....	~64	383
3488	C_8H_{16}	<i>cis-trans-cis</i> -1,2,4-Trimethylcyclopentane	....	....	~52	383
3489	C_8H_{18}	2,2-Dimethylhexane	106.84	....	36	383
3490	C_8H_{18}	2,3-Dimethylhexane	115.8	....	55	383
3491	C_8H_{18}	2,5-Dimethylhexane	109.2	73.6	59	225
3492	C_8H_{18}	3,4-Dimethylhexane	117.9	....	60	383
3493	C_8H_{18}	2-Methylheptane	117.2	....	59	383
3494	C_8H_{18}	3-Methylheptane	119.0	....	61	383
3495	C_8H_{18}	4-Methylheptane	118	....	61	383
3496	C_8H_{18}	Octane	125.6	77	78	217
3497	C_8H_{18}	2,2,3-Trimethylpentane	109.8	....	53	383
3498	C_8H_{18}	2,2,4-Trimethylpentane, 96.1 mm.	....	25	30.4	
					V-l.	192
		318.8 mm.	....	50	36.7	
					V-l.	192
			....	0	24.8	192
			99.3	<72.4	<53	255
3499	C_8H_{18}	2,3,3-Trimethylpentane	113.6	....	57	383
3500	C_8H_{18}	2,3,4-Trimethylpentane	113.4	....	57	383
3501	$C_8H_{18}O$	Isobutyl ether	122.1	Nonazeotrope		226
3502	C_9H_{12}	Cumene	152.8	Nonazeotrope		255
3503	C_9H_{12}	Mesitylene	164.6	Nonazeotrope		217
3504	C_9H_{12}	Propylbenzene	159.3	Nonazeotrope		255
3505	$C_{10}H_{14}$	Cymene	176.7	Nonazeotrope		217
3506	$C_{10}H_{16}$	Camphene	159.6	Nonazeotrope		217
3507	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	Nonazeotrope		217

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₆O	Ethyl Alcohol (continued)	78.3			
8508	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		808
8509	C ₁₀ H ₁₆	α-Pinene	155.8	Min. b.p.		843
8510	C ₁₀ H ₁₆	α-Terpinene	173.4	Nonazeotrope		855
8511	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		817
3512	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	Nonazeotrope		817
A =	C₂H₆O	Methyl Ether	-23.65			
3513	C ₂ H ₇ N	Trimethylamine	3.5	Nonazeotrope		158
A =	C₂H₆O₂	Glycol	197.4			
3514	C ₂ H ₇ NO	2-Aminoethanol	170.8	Nonazeotrope		807
3515	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85	150.8	13	853
3516	C ₃ H ₅ I	3-Iodopropene	101.8	<101.5	<1.5	855
3517	C ₃ H ₅ Br ₂	1,2-Dibromobutane	140.5	139.0	6	847
3518	C ₃ H ₅ Br ₂	1,3-Dibromopropane	166.9	160.2	10.2	807
8519	C ₃ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	175.8	Nonazeotrope		821
8520	C ₃ H ₅ Cl ₂ O	2,3-Dichloro-1-propanol	182.5	Nonazeotrope		855
8521	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.5	Nonazeotrope		855
8522	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		807
8523	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		807
3524	C ₃ H ₈ O ₂	Glycerol	290.5	Nonazeotrope		855
3525	C ₄ H ₇ N	Pyrrrol	130.0	Nonazeotrope		807
3526	C ₄ H ₇ NS	Allyl isothiocyanate	152.05	<151.8	....	855
3527	C ₄ H ₈ O ₄	Methyl oxalate	164.2	~163.5	~15	810
3528	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	157.3	12	807
3529	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		855
3530	C ₄ H ₈ Br ₂ O	Bis(2-bromoethyl) ether, 760 mm.	....	180-185	~50	83
		50 mm.	....	105-115	~50	83
3531	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178	170.5	12.5	58
3532	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	171.05	21	838
3533	C ₄ H ₈ Cl ₂ S	Bis(2-chloroethyl) sulfide	216.8	186.0?	....	855
3534	C ₄ H ₈ OS	Ethyl thioacetate	116.6	Nonazeotrope		855
3535	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope		80
3536	C ₄ H ₈ O ₂	Glycol monoacetate	190.9	184.75	25	860
3537	C ₄ H ₉ Br	1-Bromobutane	101.5	101.3	1.7	855
3538	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	<91.35	<0.8	855
3539	C ₄ H ₉ I	1-Iodobutane	130.4	128.5	5	847
3540	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	119.5	3.5	855
3541	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		815
3542	C ₄ H ₆ O ₂	2-Furaldehyde	161.45	Nonazeotrope		807
3543	C ₄ H ₉ ClO ₂	Propyl chloroacetate	163.5	162	20	855
3544	C ₄ H ₁₀ O ₂	Ethyl carbonate	125.9	Nonazeotrope		817
3545	C ₄ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		855
3546	C ₄ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	119.45	5.5	807
3547	C ₄ H ₁₁ I	1-Iodo-3-methylbutane	147.65	143.0	7	847
3548	C ₅ H ₁₂ O	Isoamyl alcohol	131.35	Nonazeotrope		807
3549	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		808
3550	C ₅ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	194.2	192	30	} 83, 807*
		50 mm.	....	114	4.0	
		200 mm.	....	149	12.0	
3551	C ₆ H ₆ Cl ₃	1,3,5-Trichlorobenzene	208.4	181.0	....	847
3552	C ₆ H ₄ BrCl	p-Bromochlorobenzene	196.4	173.8	28	847
3553	C ₆ H ₄ Br ₂	p-Dibromobenzene	220.25	183.9	32.5	854
3554	C ₆ H ₄ ClNO ₂	m-Chloronitrobenzene	235.5	192.5	53	834
3555	C ₆ H ₄ ClNO ₂	o-Chloronitrobenzene	246.0	193.5	68	834
3556	C ₆ H ₄ ClNO ₂	p-Chloronitrobenzene	239.1	192.85	57.8	834
8557	C ₆ H ₄ Cl ₂	o-Dichlorobenzene	179.5	165.8	20	847
8558	C ₆ H ₄ Cl ₂	p-Dichlorobenzene	174.35	163	~23	853
3559	C ₆ H ₄ Cl ₂	p-Dichlorobenzene	174.35	162.7	18	854
3560	C ₆ H ₅ Br	Bromobenzene	156.15	150.2	12.5	810
3561	C ₆ H ₅ Cl	Chlorobenzene	132	130.05	5.6	808
3562	C ₆ H ₅ ClO	o-Chlorophenol	175.8	Nonazeotrope		855
3563	C ₆ H ₅ ClO	p-Chlorophenol	219.75	Nonazeotrope		815
3564	C ₆ H ₅ I	Iodobenzene	188.55	171.5	....	853
8565	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	185.9	59	834
8566	C ₆ H ₅ NO ₂	o-Nitrophenol	217.2	189.35	49	807
8567	C ₆ H ₆	Benzene	80.2	Nonazeotrope		817

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	$C_2H_6O_2$	Glycol (<i>continued</i>)	197.4			
3568	C_6H_6O	Phenol	182.2	Nonazeotrope		222
3569	C_6H_6O	Phenol	181.5	199	78	243
3570	$C_6H_6O_2$	Pyrocatechol	245.9	Nonazeotrope		244
3571	C_6H_7N	Aniline	184.35	180.55	24	231
3572	$C_6H_8N_2$	<i>o</i> -Phenylenediamine	258.6	Nonazeotrope		207
3573	$C_6H_8O_4$	Methyl maleate	204.05	189.6	42	250
3574	C_6H_9N	<i>N</i> -Ethylpyrrol	130.4	Nonazeotrope		255
3575	C_6H_{10}	Cyclohexene	82.7	Nonazeotrope		220
3576	$C_6H_{10}O_2$	2,5-Hexadiene	191.3	<180.5	<45	222
3577	$C_6H_{10}O_4$	Ethylidene diacetate	168.5	167.45	8.2	207
3578	$C_6H_{10}O_4$	Ethyl oxalate	185.65	176.5	25	255
3579	$C_6H_{10}O_4$	Ethyl oxalate	185.0	Reacts		243
3580	$C_6H_{10}O_4$	Glycol diacetate	186.3	<179.5	<24	255
3581	$C_6H_{10}O_4$	Methyl succinate	195	Reacts		243
3582	$C_6H_{11}ClO_2$	Butyl chloroacetate	181.9	176.0	30	206
3583	C_6H_{12}	Cyclohexane	80.75	Nonazeotrope		217
3584	C_6H_{12}	Methylcyclohexane	72.0	Nonazeotrope		255
3585	$C_6H_{12}O$	Cyclohexanol	160.65	Nonazeotrope		210
3586	$C_6H_{12}O_2$	Butyl acetate	126.0	Nonazeotrope		255
3587	$C_6H_{12}O_2$	Ethyl butyrate	121.5	Nonazeotrope		255
3588	$C_6H_{12}O_2$	Isoamyl formate	123.8	Nonazeotrope		216
3589	$C_6H_{12}O_2$	2-Ethoxyethyl acetate	156.8	Nonazeotrope		206
3590	$C_6H_{12}O_3$	Paraldehyde	124.35	Nonazeotrope		226
3591	$C_6H_{12}Br$	1-Bromohexane	156.5	150.5	14	247
3592	C_6H_{14}	2,3-Dimethylbutane	58.0	Nonazeotrope		255
3593	C_6H_{14}	Hexane	68.8	Nonazeotrope		255
3594	$C_6H_{14}O$	Hexyl alcohol	157.8	Nonazeotrope		253
3595	$C_6H_{14}O_2$	Acetal	103.55	Nonazeotrope		215
3596	$C_6H_{14}O_2$	2-Butoxyethanol	171.25	Nonazeotrope		206
3597	$C_6H_{14}O_2$	Pinacol	174.35	Nonazeotrope		210
3598	$C_7H_5Cl_3$	α, α, α -Trichlorotoluene	220.9	Reacts		215
3599	C_7H_5N	Benzonitrile	191.3	186.5	...	243
3600	$C_7H_5Cl_2$	α, α -Dichlorotoluene	205.1	Nonazeotrope		222
3601	C_7H_6O	Benzaldehyde	179.2	<173.5	>15	255
3602	C_7H_7Br	<i>m</i> -Bromotoluene	184.3	168.3	23	207
3603	C_7H_7Br	<i>o</i> -Bromotoluene	181.75	166.8	25	208
3604	C_7H_7Br	<i>p</i> -Bromotoluene	~184.5	169.2	30	253
3605	C_7H_7Cl	α -Chlorotoluene	179.3	~167.0	~30	210
3606	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	152.5	13	247
3607	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	155.0	...	253
3608	C_7H_7I	<i>p</i> -Iodotoluene	214.5	181.5	30	247
3609	$C_7H_7NO_2$	<i>m</i> -Nitrotoluene	230.8	192.5	577	234
3610	$C_7H_7NO_2$	<i>o</i> -Nitrotoluene	221.75	188.55	48.5	234
3611	$C_7H_7NO_2$	<i>p</i> -Nitrotoluene	238.9	192.4	63.5	234
3612	C_7H_8	Toluene	110.75	110.20	6.5	253
3613	C_7H_8O	Anisole	153.85	150.45	10.5	210
3614	C_7H_8O	Benzyl alcohol	205.25	193.35	53.5	222
3615	C_7H_8O	<i>m</i> -Cresol	202.1	195.2	60	221
3616	C_7H_8O	<i>m</i> -Cresol	202.4	...	61, V-L.	222
3617	C_7H_8O	<i>o</i> -Cresol	191.1	189.6	27	254
3618	C_7H_8O	<i>p</i> -Cresol	202.0	...	59.5, V-L.	222
3619	C_7H_8O	<i>p</i> -Cresol	201.6	195.2	53.5	208
3620	$C_7H_8O_2$	Guaiacol	205.1	190.4	46	226
3621	$C_7H_8O_2$	<i>m</i> -Methoxyphenol	243.8	195.5	~80	255
3622	C_7H_8N	Methylaniline	196.25	181.6	40.2	231
3623	C_7H_8N	<i>m</i> -Toluidine	200.3	188.55	42	231
3624	C_7H_8N	<i>o</i> -Toluidine	200.35	186.45	42.5	231
3625	C_7H_8N	<i>p</i> -Toluidine	200.55	187.0	27	231
3626	C_7H_9NO	<i>o</i> -Anisidine	219.0	<193.5	<59	231
3627	$C_7H_{10}O_4$	Ethyl malonate	198.9	Reacts		243
3628	$C_7H_{10}ClO_2$	Isoamyl chloroacetate	195.0	<187.5	>38	255
3629	C_7H_{12}	Methylcyclohexane	101.1	100.8	~4	217
3630	$C_7H_{14}O_2$	Amyl acetate	148.7	147.6	6	244
3631	$C_7H_{14}O_2$	Butyl propionate	146.8	<146.0	<7	255
3632	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	Nonazeotrope		255
3633	$C_7H_{14}O_2$	Ethyl valerate	145.45	144.7	3	244

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
3634	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.95	~3	216
3635	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5		Nonazeotrope	255
3636	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	148.0	7	255
3637	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	142.7	~3	216
3638	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0		Nonazeotrope	255
3639	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	<171.0	<12	255
3640	C ₇ H ₁₆	Heptane	98.45	97.9	3	243
3641	C ₇ H ₁₆ O	Heptyl alcohol	176.15	174.1	20	244
3642	C ₈ H ₇ N	Indole	253.5		Nonazeotrope	255
3643	C ₈ H ₈	Styrene	145.8	139.5	16.5	217
3644	C ₈ H ₈ O	Acetophenone	202.0	185.65	52	232
3645	C ₈ H ₈ O ₂	Benzyl formate	202.3		Reacts	215
3646	C ₈ H ₈ O ₂	Methyl benzoate	199.45	182.2	36.5	210
3647	C ₈ H ₈ O ₂	Phenyl acetate	195.7	182.9	34	210
3648	C ₈ H ₈ O ₂	Methyl salicylate	222.35	188.8	48	254
3649	C ₈ H ₁₀	Ethylbenzene	136.15	133.0	13.5	217
3650	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	135.6	~15	254
3651	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	139.6	16	217
3652	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	136.95	14.5	217
3653	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	159.8	18	247
3654	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	166.6	22.8	221
3655	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8		Nonazeotrope	236
3656	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	194.4	69	229
3657	C ₈ H ₁₀ O	Phenetole	170.45	161.45	19	225
3658	C ₈ H ₁₀ O	3,4-Xylenol	226.8	197.2	89	244
3659	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	192.6	...	225
3660	C ₈ H ₁₀ O ₂	Veratrol	205.5	178.5	35	254
3661	C ₈ H ₁₁ N	Dimethylaniline	194.05	178.55	33.5	231
3662	C ₈ H ₁₁ N	2,4-Xylidine	214.0	188.6	47	231
3663	C ₈ H ₁₁ N	3,4-Xylidine	225.5	<189.0	<91.6	231
3664	C ₈ H ₁₁ N	Ethylaniline	205.5	183.7	43	231
3665	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	194.8	67.8	231
3666	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	197.35	97	231
3667	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	189.35	48.5	250
3668	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	193.1	55	250
3669	C ₈ H ₁₄ O	Methyl heptenone	173.2	168.1	23	232
3670	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25		Reacts	215
3671	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	119.2	9	255
3672	C ₈ H ₁₆ O	2-Octanone	172.85	168.0	20	232
3673	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	160.6	16	244
3674	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	155.5	12	216
3675	C ₈ H ₁₆ O ₂	Isobutyl butyrate	155.7	153.7	10	244
3676	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	147.5	6	244
3677	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	~152	10	216
3678	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	195.0	...	255
3679	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	108.65	7.5	255
3680	C ₈ H ₁₈	Octane	125.75	123.5	11.5	247
3681	C ₈ H ₁₈ O	Butyl ether	142.1	140.0	10	225
3682	C ₈ H ₁₈ O	Isobutyl ether	122.1	121.9	7	256
3683	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	184.35	36.5	229
3684	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	175.55	21	229
3685	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	230.4	196.2	72.5	62
3686	C ₈ H ₁₈ O ₂	Bis(2-ethoxyethyl) ether	186	178.0	26.1	62
3687	C ₉ H ₇ N	Isoquinoline	240.3		Nonazeotrope	255
3688	C ₉ H ₇ N	Quinoline	237.3	196.35	79.5	233
3689	C ₉ H ₈	Indene	183.0	168.4	26	221
3690	C ₉ H ₈ O	Cinnamaldehyde	253.5		Nonazeotrope	255
3691	C ₉ H ₈ N	β -Methylindole	266.5		Nonazeotrope	255
3692	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	192.2	60	232
3693	C ₉ H ₁₀ O	Propiophenone	217.7	190.2	57	232
3694	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	186.5	45	216
3695	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	186.1	46	250
3696	C ₉ H ₁₀ O ₂	Ethyl salicylate	234.0	190.7	51.5	222
3697	C ₉ H ₁₂	Cumene	152.8	147.0	18	247
3698	C ₉ H ₁₂	Mesitylene	164.6	156	13	253

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	$C_2H_6O_2$	Glycol (<i>continued</i>)	197.4			
3699	C_9H_{12}	Propylbenzene	158.8	152	19	206
3700	C_9H_{12}	Pseudocumene	168.2	<157.7	83.2	221
3701	$C_9H_{12}O$	Benzyl ethyl ether	185.0	169.0	22	225
3702	$C_9H_{12}O$	3-Phenylpropanol	235.6	195.5	75	230
3703	$C_9H_{12}O$	Phenyl propyl ether	190.2	171.0	26	218
3704	$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	169.3	23	231
3705	$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	182.0	47	231
3706	$C_9H_{14}O$	Phorone	197.8	184.5	50	232
3707	$C_9H_{16}O$	2,6-Dimethyl-4-heptanone	168.0	164.2	35	232
3708	$C_9H_{18}O_2$	Butyl isovalerate	177.6	169.0	23	244
3709	$C_9H_{18}O_2$	Ethyl enanthate	188.7	174.0	30	255
3710	$C_9H_{18}O_2$	Isoamyl butyrate	178.5	167.9	24.5	216
3711	$C_9H_{18}O_2$	Isoamyl isobutyrate	168.5	161.5	20	216
3712	$C_9H_{18}O_2$	Isobutyl isovalerate	171.4	163.7	21.7	221
3713	$C_9H_{18}O_2$	Methyl caprylate	192.9	175.5	31	243
3714	$C_9H_{18}O_3$	Isobutyl carbonate	190.3	<180.5	28	247
3715	$C_{10}H_7Br$	1-Bromonaphthalene	281.8	194.95	71.2	221
3716	$C_{10}H_7Cl$	1-Chloronaphthalene	262.7	192.9	65.2	221
3717	$C_{10}H_8$	Naphthalene	218.05	183.9	51	208
3718	$C_{10}H_{10}O_2$	Isosafrol	252.1	192.8	64	254
3719	$C_{10}H_{10}O_2$	Methyl cinnamate	261.9	196.2	85	254
3720	$C_{10}H_{10}O_2$	Safrol	235.9	190.05	55	254
3721	$C_{10}H_{10}O_4$	Methyl phthalate	283.7	Nonazeotrope		244
3722	$C_{10}H_{12}O$	Anethole	235.7	189.35	56	207
3723	$C_{10}H_{12}O$	Estragol	215.6	182.3	40	225
3724	$C_{10}H_{12}O_2$	Ethyl α -toluate	228.7	190.0	54	216
3725	$C_{10}H_{12}O_2$	Eugenol	255.0	196.8	90	236
3726	$C_{10}H_{12}O_2$	Isoeugenol	268.8	Nonazeotrope		255
3727	$C_{10}H_{12}O_2$	Propyl benzoate	230.85	190.35	55	250
3728	$C_{10}H_{14}$	Butylbenzene	183.1	166.2	27	247
3729	$C_{10}H_{14}$	Cymene	176.7	163.2	25.5	217
3730	$C_{10}H_{14}O$	Carvone	231.0	192.5	60.8	232
3731	$C_{10}H_{14}O$	Thymol	232.9	195.5	62	244
3732	$C_{10}H_{14}O_2$	<i>m</i> -Diethoxybenzene	235	192.5	53	218
3733	$C_{10}H_{15}N$	Diethylaniline	217.05	183.4	33	231
3734	$C_{10}H_{16}$	Camphene	159.5	152.5	20	208
3735	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	163.5	26	217
3736	$C_{10}H_{16}$	Nopinene	163.8	155.0	19	208
3737	$C_{10}H_{16}$	α -Pinene	155.8	149.5	18.5	220
3738	$C_{10}H_{16}$	α -Terpinene	173.4	161.0	23.5	247
3739	$C_{10}H_{16}$	γ -Terpinene	183	166.5	26	255
3740	$C_{10}H_{16}$	Terpinolene	184.6	167.4	28.5	247
3741	$C_{10}H_{16}$	Thymene	179.7	164.5	27.5	253
3742	$C_{10}H_{16}O$	Camphor	209.1	186.15	40	232
3743	$C_{10}H_{16}O$	Pulegone	223.8	191.2	58	232
3744	$C_{10}H_{18}$	<i>m</i> -Menthene-8	170.8	159.5	~21	255
3745	$C_{10}H_{18}O$	Borneol	215.0	189.25	54.2	229
3746	$C_{10}H_{18}O$	Cineol	176.4	164.75	~15	208
3747	$C_{10}H_{18}O$	Citronellal	207.8	~188.5	~53	254
3748	$C_{10}H_{18}O$	Geraniol	229.6	194.65	67.5	229
3749	$C_{10}H_{18}O$	Linalool	198.6	182.2	40	229
3750	$C_{10}H_{18}O$	Menthone	209.5	<190.0	<62	232
3751	$C_{10}H_{18}O$	α -Terpineol	218.85	189.55	56	229
3752	$C_{10}H_{18}O$	β -Terpineol	210.5	188.4	50	207
3753	$C_{10}H_{18}O_4$	Propyl succinate	250.5	Nonazeotrope		255
3754	$C_{10}H_{20}O$	Citronellol	224.4	193.5	63	229
3755	$C_{10}H_{20}O$	Menthol	216.3	188.55	51.5	229
3756	$C_{10}H_{20}O_2$	Ethyl caprylate	208.35	182.5	41	255
3757	$C_{10}H_{20}O_2$	Isoamyl isovalerate	192.7	114.85	27.2	221
3758	$C_{10}H_{20}O_2$	Methyl pelargonate	213.8	186.0	45	247
3759	$C_{10}H_{22}$	Decane	173.3	161.0	23	247
3760	$C_{10}H_{22}$	2,7-Dimethyloctane	160.1	<153.0	<21	255
3761	$C_{10}H_{22}O$	<i>n</i> -Decyl alcohol	232.8	193.0	67	225
3762	$C_{10}H_{22}O$	Amyl ether	187.5	168.8	26	236
3763	$C_{10}H_{22}O$	Isoamyl ether	172.6	162.8	19	253
3764	$C_{10}H_{22}O_3$	Isoamyl carbonate	232.2	188.45	49	246

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
3765	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	190.25	60	254
3766	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	189.1	57.2	207
3767	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	197.0	72	247
3768	C ₁₁ H ₁₄ O ₂	1-Allyl 3,4-dimethoxybenzene	255.2	195.1	68.5	254
3769	C ₁₁ H ₁₄ O ₂	Butyl benzoate	251.2	193.2	68	215
3770	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	196.5	80	225
3771	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	192.0	68	254
3772	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	183.0	40	255
3773	C ₁₁ H ₁₆ O	Methyl isobornyl ether	192.2	191	<25	243
3774	C ₁₁ H ₁₆ O	Methyl terpineol ether	216.2	184.5	40	218
3775	C ₁₁ H ₁₇ O ₂	Ethyl pelargonate	227	190.8	....	255
3776	C ₁₁ H ₁₇ O ₂	Iscamyl carbonate	232.2	188.45	46	248
3777	C ₁₂ H ₁₀	Acenaphthene	277.9	194.65	74.2	221
3778	C ₁₂ H ₁₀	Biphenyl	256.1	192.25	66.5	248
3779	C ₁₂ H ₁₀ O	Phenyl ether	259.3	193.05	60	222
3780	C ₁₂ H ₁₆ O ₂	Iscamyl benzoate	262.05	193.95	66.2	254
3781	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.4	183	49	253
3782	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	190.0	53	216
3783	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	177.0	34	247
3784	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	176.5	33	236
3785	C ₁₂ H ₂₆	Dodecane, 748 mm.	216	179	....	177
		200 mm.	....	142	....	177
		150 mm.	....	135	....	177
		100 mm.	....	125	....	177
		50 mm.	....	110	....	177
3786	C ₁₂ H ₁₀	Fluorene	296.4	196.0	82	244
3787	C ₁₂ H ₁₀ O ₂	Phenyl benzoate	315	Nonazeotrope		255
3788	C ₁₂ H ₁₂	Diphenylmethane	265.6	193.3	68.5	254
3789	C ₁₂ H ₁₂ O	Benzyl phenyl ether	286.5	195.5	87	247
3790	C ₁₂ H ₂₀	Tridecane	234.0	188.0	55	206
3791	C ₁₄ H ₁₂	Stilbene	306.4	196.8	87	244
3792	C ₁₄ H ₁₂ O ₂	Benzyl benzoate	324	Nonazeotrope		255
3793	C ₁₄ H ₁₄	1,2-Diphenylethane	284	195.2	77	217
3794	C ₁₄ H ₁₄ O	Benzyl ether	297	<196.5	<96	255
3795	C ₁₄ H ₂₀	Tetradecane, 748 mm.	252.5	187.5	....	177
		200 mm.	....	150.5	....	177
		133 mm.	....	142.5	....	177
		118 mm.	....	118	....	177
A =	C₂H₆S	Ethanethiol	35.8			
3796	C ₂ H ₆ S	Methyl sulfide	37.4	<34.8	<62	255
3797	C ₃ H ₆ O	Acetone	56.25	Nonazeotrope		243
3798	C ₃ H ₇ Cl	2-Chloropropane	36.25	36.15	~45	243
3799	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		248
3800	C ₃ H ₈ O ₂	Methylal	42.3	34.5	>80	248
3801	C ₄ H ₁₀ O	Ethyl ether	34.6	34.0	35	248
3802	C ₅ H ₈	Isoprene	34.1	Reacts		243
3803	C ₅ H ₁₀	Cyclopentane	49.263	34.95	89	21
3804	C ₅ H ₁₀	2-Methyl-2-butene	37.15	32.95	~60	243
3805	C ₅ H ₁₂	3-Methyl-1-butene	20.6	Nonazeotrope		255
3806	C ₅ H ₁₂	2-Methylbutane	27.854	25.72	29	21
3807	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		243
3808	C ₅ H ₁₂	Pentane	36.074	30.46	51	21, 243*
3809	C ₆ H ₁₄	2,2-Dimethylbutane	49.743	34.41	83	21
A =	C₂H₆S	Methyl Sulfide	37.3			
3810	C ₃ H ₆ O	Acetone	56.25	Nonazeotrope		243
3811	C ₃ H ₇ Cl	1-Chloropropane	46.6	Nonazeotrope		243
3812	C ₃ H ₇ Cl	2-Chloropropane	36.25	36	....	243
3813	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	<36.6	>19	248
3814	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		220
3815	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		248
3816	C ₃ H ₈ O ₂	Methylal	42.25	35.7	....	225
3817	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		255
3818	C ₄ H ₈ ClO	Chloroethyl ethyl ether	98.5	Nonazeotrope		248
3819	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	Nonazeotrope		248
3820	C ₄ H ₁₀ O	Ethyl ether	34.6	34.0	20	248

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₆S	Methyl Sulfide (continued)	37.3			
3821	C ₆ H ₁₀ O	Methyl propyl ether	38.95	<37.0	>65	255
3822	C ₅ H ₈	Isoprene	34.3	32.5	35	246
3823	C ₆ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		246
3824	C ₆ H ₁₀	2-Methyl-2-butene	37.15	34.5	52	255
3825	C ₆ H ₁₂	2-Methylbutane	27	27.3	15	211
3826	C ₅ H ₁₂	Pentane	36.15	~33.5	~45	211
3827	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		246
A =	C₂H₄SO₄	Methyl Sulfate	189.1			
3828	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	<175.0	<40	255
3829	C ₆ H ₁₀ O ₂	Valeric acid	186.35	<182	<60	255
3830	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		227
3831	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		227
3832	C ₆ H ₅ I	Iodobenzene	188.45	<184	>50	227
3833	C ₆ H ₅ O	Phenol	181.5	Reacts		243
3834	C ₆ H ₁₀ O ₄	Ethyl oxalate	185	Nonazeotrope		243
3835	C ₆ H ₁₁ Br	1-Bromohexane	156.5	Nonazeotrope		255
3836	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	<181.5	<27	255
3837	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	<179.5	<28	255
3838	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	181.5	....	243
3839	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	Nonazeotrope		243
3840	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		227
3841	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Reacts		222
3842	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		237
3843	C ₈ H ₁₂ O	Benzyl ethyl ether	186.0	<182.8	<47	237
3844	C ₈ H ₁₆ O ₂	Ethyl enanthate	188.7	185.5	38	255
3845	C ₈ H ₁₆ O ₂	Isoamyl butyrate	181.05	179.5	18	255
3846	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	~173	....	243
3847	C ₁₀ H ₁₈ O ₂	Isoamyl isovalerate	192.7	185.8	68	229
3848	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	<185.5	<70	237
A =	C₂H₇N	Dimethylamine	6.8			
3849	C ₆ H ₅ N	Trimethylamine	3.5	3	26	331
		107 lb./sq. inch gage	....	73	72	331
		370 lb./sq. inch gage	....	Nonazeotrope		11*, 12*, 331
3850	C ₄ H ₁₀	Butane	0.6	<0.2	<12	255
3851	C ₆ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		255
A =	C₂H₇N	Ethylamine	16.55			
3852	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope		255
3853	C ₃ H ₆ O	Propylene oxide	34.1	Nonazeotrope		255
3854	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		231
3855	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		231
3856	C ₆ H ₁₀ O	Methyl propyl ether	38.95	Nonazeotrope		231
3857	C ₆ H ₁₀	3-Methyl-1-butene	20.6	<15.4	>54	231
3858	C ₆ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		231
A =	C₂H₇NO	2-Aminoethanol	170.8			
3859	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope		207
3860	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Reacts		207
3861	C ₄ H ₉ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Reacts		207
3862	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		231
3863	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		231
3864	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		231
3865	C ₆ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		231
3866	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	157.3	40	231
3867	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	154.6	35	250
3868	C ₆ H ₅ Br	Bromobenzene	156.1	145.0	22	231
3869	C ₆ H ₅ Cl	Chlorobenzene	131.75	128.55	13.5	231
			132	124	....	273
3870	C ₆ H ₅ I	Iodotoluene	188.45	161.0	45	221
3871	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		255
3872	C ₆ H ₆	Benzene	80.15	Nonazeotrope		231
3873	C ₆ H ₅ O	Phenol	182.2	Nonazeotrope		231
3874	C ₆ H ₇ N	Aniline	184.35	170.3	90	231
3875	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		231
3876	C ₆ H ₁₀ S	Allyl sulfide	139	137.2	8	235

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₇NO	2-Aminoethanol (continued)	170.8			
3877	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	Nonazeotrope		255
3878	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		251
3879	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		255
3880	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		251
3881	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.15	166.95	43	251
3882	C ₆ H ₁₄ S	Propyl sulfide	141.5	<139.7	<13	246
3883	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	159.3	44	251
3884	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	157.8	42	251
3885	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	146.5	26	251
3886	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	148.2	28	251
3887	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		255
3888	C ₇ H ₈ O	Anisole	153.85	145.75	25.5	251
3889	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		251
3890	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		251
3891	C ₇ H ₉ N	Methylaniline	196.25	167.5	70	251
3892	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		251
3893	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.5	<10	251
3894	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		251
3895	C ₇ H ₁₆	Heptane	98.4	<98.0	...	255
3896	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		251
3897	C ₈ H ₁₀	Ethylbenzene	136.15	131.0	15	251
3898	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	133.0	18	251
3899	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	<138.0	20	251
3900	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	150.5	28	251
3901	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	154.5	37	251
3902	C ₈ H ₁₀ O	Phenetole	170.45	151.0	30	251
3903	C ₈ H ₁₁ N	Dimethylaniline	194.15	163.5	55	251
3904	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		251
3905	C ₈ H ₁₁ N	Ethylaniline	206.05	<170.0	...	255
3906	C ₈ H ₁₈	<i>n</i> -Octane	125.75	<123.0	<16	251
3907	C ₈ H ₁₈ O	Butyl ether	142.4	136.5	16	251
3908	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		251
3909	C ₈ H ₁₈ S	Butyl sulfide	185.0	<164.5	<53	246
3910	C ₈ H ₁₈ S	Isobutyl sulfide	172	156.0	33	255
3911	C ₉ H ₈	Indene	187.4	Min. b.p.		117
3912	C ₉ H ₁₂	Cumene	152.8	142.5	...	255
3913	C ₉ H ₁₂	Mesitylene	164.6	148.5	30	251
3914	C ₉ H ₁₂	Propylbenzene	159.3	<147.0	<30	251
3915	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	159.8	45	251
3916	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	162.5	55	251
3917	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	161.0	50	251
3918	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	<169.0	>75	251
3919	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		251
3920	C ₁₀ H ₁₄	Butylbenzene	183.1	<158.5	<48	251
3921	C ₁₀ H ₁₄	Cymene	176.7	154.7	37	251
3922	C ₁₀ H ₁₅ N	Diethylaniline	217.05	<169.0	>82	251
3923	C ₁₀ H ₁₆	Camphene	159.6	144.0	28	251
3924	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	25	251
3925	C ₁₀ H ₁₆	α -Terpinene	173.4	<154.0	<36	251
3926	C ₁₀ H ₁₆	Dipentene	177.7	153.0	37	251
3927	C ₁₀ H ₁₆ O	Cineol	176.35	153.4	36	251
3928	C ₁₀ H ₂₀ O	Amyl ether	187.5	<160.0	<50	251
3929	C ₁₀ H ₂₂	Isoamyl ether	173.2	149.5	30.5	251
3930	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		251
3931	C ₁₁ H ₁₀ O	2-Methylnaphthalene	241.15	Nonazeotrope		207
3932	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<165.0	<62	251
3933	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		255
3934	C ₁₂ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		251
A =	C₂H₆N₂	Ethylenediamine	116.5			
3935	C ₈ H ₁₀ O ₂	2-Methoxyethanol	124.5	130.0	31-32	68
3936	C ₈ H ₁₀	Ethylbenzene	136	Min. b.p.		140
3937	C ₈ H ₁₀	<i>m</i> -Xylene	139	Min. b.p.		140
3938	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Min. b.p.		140
3939	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Min. b.p.		140
3940	C _n H _{2n+2}	Paraffins	....	Min. b.p.		140

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₃Cl₃O	Methyl Trichloroacetate	152.8			
3942	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		255
3943	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		255
3944	C ₄ H ₈ O ₂	Isobutyric acid	154.6	151.0	....	248
3945	C ₂ H ₁₀ O ₂	Ethyl lactate	155	Azeotrope doubtful		243
3946	C ₆ H ₁₂ O	Cyclohexanol	160.8	<151.0	>72	255
3947	C ₇ H ₈ O	Anisole	153.85	149	>60	243
3948	C ₇ H ₁₄ O ₂	Propyl butyrate	143	Azeotrope doubtful		243
A =	C₃H₃N	Acrylonitrile	77.3			
3949	C ₃ H ₈ O	Isopropyl alcohol	82.55	71.7	56	93
3950	C ₂ H ₅ ClSi	Chlorotrimethylsilane	57.5	57	7	340, 349*
3951	C ₆ H ₆	Benzene	80.2	73.3	47	93
A =	C₃H₄	Propyne	79.4/322.5 lb./sq. inch abs.			
3952	C ₃ H ₈	Propane, 322.5 lb./sq. inch abs.	62.1	60.1	14.3	414
A =	C₃H₄Br₂	<i>cis</i>-1,2-Dibromopropene	135.2			
3953	C ₃ H ₈ O	Propyl alcohol	97.2	97.05	3.45	243
A =	C₃H₄Br₂	<i>trans</i>-1,2-Dibromopropene	125.95			
3954	C ₃ H ₈ O	Propyl alcohol	97.2	95.75	41.95	243
A =	C₃H₄Cl₂	1,3-Dichloropropene				
3955	C ₃ H ₅ Cl	3-Chloropropene	45.7	Nonazeotrope, V-l.		422
A =	C₃H₄Cl₄	1,1,2,2-Tetrachloropropane	153			
3956	C ₆ H ₁₀ O	Cyclohexanone	156	Max. b.p.		111
3957	C ₇ H ₈ O	Anisole	155	Max. b.p.		111
3958	C ₇ H ₁₄ O	Heptaldehyde	155	Max. b.p.		111
3959	C ₇ H ₁₄ O	2-Heptanone	150	Max. b.p.		111
A =	C₃H₄Cl₄	1,1,2,3-Tetrachloropropane	180			
3960	C ₇ H ₈ O	Benzaldehyde	179	Max. b.p.		111
3961	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	165	Max. b.p.		111
A =	C₃H₄O	Acrolein	52.45			
3962	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		255
3963	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		255
3964	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		255
3965	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		255
A =	C₃H₄O	2-Propyn-1-ol				
3966	C ₆ H ₆	Benzene	80.1	V-l.		364
A =	C₃H₄O₂	Acrylic Acid	140.5			
3967	C ₃ H ₆ O ₂	Propionic acid	140.7	140.3?	....	243
3968	C _n H _m	Hydrocarbon	138-140	133	68.2	324
A =	C₃H₄O₂	Pyruvic Acid	166.8			
3969	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		252
3970	C ₄ H ₈ O ₂	Butyric acid	164.0	162.4	34	250
3971	C ₆ H ₁₀ O ₂	2-Methoxy ethyl acetate	144.6	Nonazeotrope		252
3972	C ₆ H ₅ Br	Bromobenzene	156.1	147.0	34	207
3973	C ₆ H ₅ Cl	Chlorobenzene	131.75	128.6	15	252
3974	C ₆ H ₆	Benzene	80.15	Nonazeotrope		252
3975	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		252
3976	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	149.5	37	252
3977	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	151.5	40	252
3978	C ₇ H ₈	Toluene	110.75	110.05	7.5	252
3979	C ₇ H ₈ O	Anisole	153.85	148.5	28	252
3980	C ₈ H ₁₀	Ethylbenzene	136.15	130.5	22	252
3981	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	132.85	24	252
3982	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	137.0	28	252
3983	C ₈ H ₁₈ O	Butyl ether	142.4	138.0	15	252
3984	C ₈ H ₁₂	Cumene	152.8	143.0	33	252
3985	C ₈ H ₁₂	Mesitylene	164.6	151.2	40	252
3986	C ₉ H ₁₂	Propylbenzene	159.3	147.6	37	252
A =	C₃H₄N₂	Pyrazole	187.5			
3987	C ₄ H ₉ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		255
3988	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₃N₂	Pyrazole (continued)	187.5			
3989	C ₇ H ₇ O	<i>o</i> -Cresol	191.1	>194.8	>26	355
3990	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		355
3991	C ₈ H ₁₀ S	Butyl sulfide	185.0	<181.2	>28	355
3992	C ₈ H ₁₂ O	Benzyl ethyl ether	185.0	<184.2	>20	355
3993	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		355
A =	C₃H₅Br	3-Bromopropene	70.5			
3994	C ₃ H ₆ O	Acetone	56.15	56.05	8	353
3995	C ₃ H ₆ O	Allyl alcohol	96.85	<69.2	92	353
3996	C ₃ H ₆ O ₂	Ethyl formate	54.15	Nonazeotrope		327
3997	C ₃ H ₆ O ₂	Methyl acetate	57.0	Nonazeotrope		327
3998	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		355
3999	C ₃ H ₈ O	Isopropyl alcohol	82.45	66.5	80	353
4000	C ₃ H ₈ O	Propyl alcohol	97.2	69.0	90	353
4001	C ₃ H ₇ BO ₃	Methyl borate	68.7	67.5	...	323
4002	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		327
4003	C ₄ H ₈ O ₂	Ethyl acetate	77.15	Nonazeotrope		327
4004	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		355
4005	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	68.75	15	329
4006	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	66.9	12	330
4007	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		355
4008	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	<68.5	<90	355
4009	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		355
4010	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		339
4011	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	Nonazeotrope		339
4012	C ₆ H ₆	Benzene	80.15	Nonazeotrope		355
4013	C ₆ H ₁₄	Hexane	68.8	66.9	45	343
A =	C₂H₅BrO	Epibromohydrin	138.5			
4014	C ₃ H ₆ O ₂	Propionic acid	141.3	<138.0	<88	355
4015	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		355
4016	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		355
4017	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		326
4018	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		355
4019	C ₄ H ₁₀ O	Butyl alcohol	117.8	117.0	20	326
4020	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		355
4021	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	<137.5	...	355
4022	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	<136.0	>75	355
4023	C ₈ H ₁₈ O	Isoamyl alcohol	131.9	129.5	40	355
4024	C ₈ H ₁₆ O	Mesityl oxide	129.45	Nonazeotrope		333
A =	C₂H₅BrO	Epibromohydrin	138.5			
4025	C ₈ H ₁₀ S	Allyl sulfide	139.35	133.3	60	346
4026	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		355
4027	C ₈ H ₁₀	Ethylbenzene	136.15	133.3	40	355
4028	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	134.5	55	355
4029	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		355
A =	C₂H₅BrO₂	α-Bromopropionic Acid	205.8			
4030	C ₆ H ₄ Br ₂	<i>o</i> -Dibromobenzene	181.5	179.0	12	355
4031	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	<173.5	>7	355
4032	C ₆ H ₅ I	Iodobenzene	188.45	<184.8	...	355
4033	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	203.3	60	354
4034	C ₇ H ₇ Br	α -Bromotoluene	198.5	~195	...	343
4035	C ₇ H ₈ O ₂	Guaiacol	205.05	<204.2	>45	355
4036	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		355
4037	C ₈ H ₁₂	Mesitylene	164.6	Nonazeotrope		355
4038	C ₁₀ H ₈	Naphthalene	218.0	<202.5	>73	343
4039	C ₁₀ H ₁₄	Cymene	176.7	<176.4	>4	355
4040	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		355
A =	C₂H₅Br₃	1,2,3-Tribromopropane	220			
4041	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	Nonazeotrope		343
4042	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		355
4043	C ₇ H ₈ O ₂	Benzoic acid	250.8	<220.5	>94	355
4044	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	~222.3	Nonazeotrope		343
4045	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		343
4046	C ₇ H ₁₄ O ₂	Enanthic acid	222	<218	>62	355

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₅Br₃	1,2,3-Tribromopropane	(continued) 220			
4047	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5	Azeotrope doubtful		243
4048	C ₉ H ₁₀ O	Propiophenone	217.7	223	~70	253
4049	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
4050	C ₉ H ₁₀ O ₂	Ethyl benzoate	213	Nonazeotrope		243
4051	C ₉ H ₁₀ O ₂	Ethyl salicylate	234.0	Nonazeotrope		228
4052	C ₉ H ₁₀ O ₂	Pelargonic acid	254.0	Nonazeotrope		255
4053	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		215
4054	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		227
4055	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		218
4056	C ₁₀ H ₁₃ N	Diethylaniline	216.5	<215	>15	243
4057	C ₁₀ H ₁₆ O	Pulegone	~224	226.5	~55	253
4058	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		243
4059	C ₁₁ H ₂₀ O	Terpineol methyl ether	216	Nonazeotrope		243
4060	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		227
A =	C₂H₅Cl	2-Chloropropene	22.65			
4061	C ₃ H ₅ Cl	3-Chloropropene	45.7	Nonazeotrope, V-l.		222
4062	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		230
4063	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		239
4064	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		239
4065	C ₅ H ₁₀	3-Methyl-1-butene	20.6	<18.5	>45	242
4066	C ₅ H ₁₂	2-Methylbutane	27.95	19.0	64	242
4067	C ₅ H ₁₂	Pentane	36.15	<22.4	>72	255
A =	C₂H₅Cl	3-Chloropropene	45.15			
4068	C ₃ H ₆ O	Acetone	56.15	44.6	90	232
4069	C ₃ H ₆ O ₂	Ethyl formate	54.15	45.0	90.0	227
4070	C ₃ H ₈ O ₂	Methyl acetate	56.95	Nonazeotrope		255
4071	C ₃ H ₇ Cl	1-Chloropropane	46.6	Nonazeotrope		229
4072	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		230
4073	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	44.8	80	230
4074	C ₃ H ₈ O	Isopropyl alcohol	82.4	45.1	98	255
4075	C ₃ H ₈ O ₂	Methylal	42.3	41.4	20	239
4076	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		255
4077	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		239
4078	C ₅ H ₁₀	Cyclopentane	49.3	44.3	63	255
4079	C ₅ H ₁₂	Pentane	36.15	<35.5	>28	255
4080	C ₅ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		255
A =	C₂H₅ClO	1-Chloro-2-propanone	119.7			
4081	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		232
4082	C ₄ H ₁₀ O	Butyl alcohol	117.8	112.5	57	232
4083	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		232
4084	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	106.0	87	232
4085	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		232
4086	C ₅ H ₁₀ O ₂	Butyl formate	106.7	Nonazeotrope		228
4087	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		232
4088	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		232
4089	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		232
4090	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		232
4091	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	<119.0	>83	232
4092	C ₅ H ₁₂ O	2-Pentanol	119.8	<116.0	<68	232
4093	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
4094	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	117.5	53	232
4095	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		232
4096	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	116.9	30	232
4097	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
4098	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<116.0	....	246
4099	C ₆ H ₁₄ BO ₃	Ethyl borate	118.6	109.4	36	232
4100	C ₇ H ₈	Toluene	110.75	109.2	28.5	232
4102	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.5	....	232
4103	C ₇ H ₁₄ O ₂	Ethyl isovalerate	124.7	Nonazeotrope		232
4104	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		232
4105	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	117.2	50	232
4106	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		232
4107	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		232
4108	C ₇ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		232

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₇ClO	1-Chloro-2-propanone (continued)	119.7			
4109	C ₈ H ₁₆	<i>m</i> -Dimethylcyclohexane	120.7	<114.0	....	232
4110	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	<107.5	<35	232
4111	C ₈ H ₁₈	Octane	125.75	<115.5	65	232
A =	C₃H₅ClO	Epichlorohydrin	116.4			
4112	C ₂ H ₅ Br ₂	1,2-Dibromopropane	140.5	Nonazeotrope		236
4113	C ₃ H ₆ O	Allyl alcohol	96.95	95.8	22	236*, 257
4114	C ₂ H ₄ O ₂	Propionic acid	141.3	Nonazeotrope		255
4115	C ₃ H ₇ I	1-Iodopropane	102.4	<100.5	<28	255
4116	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		236
4117	C ₃ H ₈ O	Propyl alcohol	97.2	96.0	23	243
4118	C ₄ H ₅ N	Pyrrrole	130.5	Reacts		243
4119	C ₄ H ₈ S	Tetrahydrothiophene	118.8	<112.5	<70	246
4120	C ₄ H ₉ Br	1-Bromobutane	101.6	100.0	....	228
4121	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		255
4122	C ₄ H ₉ I	1-Iodobutane	130.4	<115	<92	228
4123	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	111.0	~47	228
4124	C ₄ H ₁₀ O	Butyl alcohol	116.9	112.0	57	236
4125	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	98.0	25	236
4126	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		236
4127	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	105.0	39.5	243
4128	C ₅ H ₅ N	Pyridine	115.5	Reacts		243
4129	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		255
4130	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		232
4131	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		255
4132	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255
4133	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.0	Azeotrope doubtful		243
4134	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		255
4135	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	111.2	63	236
4136	C ₅ H ₁₂ O	Amyl alcohol	138.2	<116.2	<95	255
4137	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	100.7	30	236
4138	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	115.35	81	243
4139	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	109.5	48	236
4140	C ₅ H ₁₂ O	2-Pentanol	119.8	113.0	60	236
4141	C ₅ H ₁₂ O	3-Pentanol	116.0	111.5	54	236
4142	C ₆ H ₆ Cl	Chlorobenzene	131.75	<116.2	....	255
4143	C ₆ H ₆ Cl	Chlorobenzene	131.8	Azeotrope doubtful		243
4144	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
4145	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		232
4146	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
4147	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		236
4148	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		255
4149	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	<115.5	>32	255
4150	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		255
4151	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	Nonazeotrope		228
4152	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	115.75	75	236
4153	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	109.8	~10	255
4154	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Azeotrope doubtful		243
4155	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	~116.2	....	243
4156	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	<115.3	>50	228
4157	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	115	45	243
4158	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	<116.3	>88	255
4159	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		236
4160	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	111.5	67	246
4161	C ₇ H ₈	Toluene	110.75	108.4	29	228
4162	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.8	>5	255
4163	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
4164	C ₇ H ₁₆	Heptane	98.4	<98.1	>4	255
4165	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		228
4166	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	113.6	65	255
4167	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	~107.0	25	228
4168	C ₈ H ₁₈	Octane	125.8	114.5	~80	228
			125.8	<116	>90	243
4169	C ₈ H ₁₈ O	Isobutyl ether	122.2	Nonazeotrope		228

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	$C_2H_5ClO_2$	Methyl Chloroacetate	129.95			
4170	$C_2H_5Br_2$	1,2-Dibromopropane	140.5	Nonazeotrope		255
4171	C_2H_5O	Allyl alcohol	96.85	Nonazeotrope		255
4172	$C_2H_5O_2$	Propionic acid	141.3	Nonazeotrope		207
4173	C_2H_5O	Isopropyl alcohol	82.45	Nonazeotrope		253
4174	C_2H_5O	Propyl alcohol	97.2	Nonazeotrope		253
4175	$C_2H_5O_2$	2-Methoxyethanol	124.5	122.5	65	255
4176	$C_4H_9O_2$	Methyl lactate	143.8	Nonazeotrope		255
4177	C_4H_9I	1-Iodobutane	130.4	125.5	42	242
4178	C_4H_9I	1-Iodo-2-methylpropane	120.8	<119.5	<22	242
4179	$C_4H_{10}O$	Butyl alcohol	117.5	116.3	26	253
4180	$C_4H_{10}O$	<i>sec</i> -Butanol	99.5	Nonazeotrope		255
4181	$C_4H_{10}O$	Isobutyl alcohol	107.85	107.55	12	210
4182	$C_4H_{10}O_2$	2-Ethoxyethanol	135.3	128.6	77	206
4183	C_5H_8O	Cyclopentanone	130.65	<129.6	...	232
4184	$C_5H_{10}O$	Cyclopentanol	140.85	127.5	77	247
4185	$C_5H_{10}O_2$	Ethyl carbonate	125.9	Nonazeotrope		252
4186	$C_5H_{10}O_2$	2-Methoxyethyl acetate	144.6	Nonazeotrope		256
4187	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
4188	$C_5H_{11}I$	1-Iodo-3-methylbutane	147.65	Nonazeotrope		255
4189	$C_5H_{12}O$	Amyl alcohol	138.2	126.8	70	247
4190	$C_5H_{12}O$	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
4191	$C_5H_{12}O$	Isoamyl alcohol	131.3	124.9	60.5	207
4192	$C_5H_{12}O$	2-Pentanol	119.8	117.0	40	247
4193	$C_5H_{12}O$	3-Pentanol	116.0	114.0	32	247
4194	C_6H_6Cl	Chlorobenzene	132.0	126	~60	212
4195	$C_6H_{10}O$	Mesityl oxide	129.45	128.8	42	232
4196	$C_6H_{10}S$	Allyl sulfide	139.35	Nonazeotrope		246
4197	$C_6H_{12}O$	Cyclohexanol	160.8	Nonazeotrope		255
4198	$C_6H_{12}O$	3-Hexanone	123.3	Nonazeotrope		232
4199	$C_6H_{12}O$	4-Methyl-2-pentanone	116.05	Nonazeotrope		232
4200	$C_6H_{12}O_2$	Butyl acetate	125.0	Nonazeotrope		228
4201	$C_6H_{12}O_2$	Ethyl butyrate	121.5	Nonazeotrope		255
4202	$C_6H_{12}O_2$	Isoamyl formate	123.8	Nonazeotrope		212
4203	$C_6H_{12}O_2$	Propyl propionate	122.1	Nonazeotrope		212
4204	$C_6H_{12}O_2$	Paraldehyde	124	Azeotrope doubtful		243
4205	$C_6H_{14}O$	Hexyl alcohol	157.85	Nonazeotrope		255
4206	$C_6H_{14}S$	Propyl sulfide	141.5	Nonazeotrope		255
4207	C_7H_8	Toluene	110.7	Nonazeotrope		243
4208	C_7H_{14}	Methylcyclohexane	101.15	Nonazeotrope		255
4209	$C_7H_{14}O$	4-Heptanone	143.55	Nonazeotrope		232
4210	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	Nonazeotrope		212
4211	$C_7H_{14}O_2$	Isobutyl propionate	136.9	Nonazeotrope		212
4212	$C_7H_{14}O$	Propyl isobutyrate	134.0	Nonazeotrope		228
4213	C_8H_8	Styrene	145.8	Nonazeotrope		212
4214	C_8H_{10}	Ethylbenzene	136.15	127.2	62.5	252
4215	C_8H_{10}	<i>m</i> -Xylene	139.2	128.25	90	255
4216	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		243
4217	C_8H_{10}	<i>p</i> -Xylene	138.45	128.3	85	242
4218	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	118.5	15	242
4219	C_8H_{16}	Octane	125.8	123.5	~40	243
4220	$C_8H_{16}O$	Butyl ether	142.4	Nonazeotrope		255
4221	$C_8H_{16}O$	Isobutyl ether	122.3	<121.9	<18	255
4222	$C_{10}H_{16}$	α -Pinene	155.8	Nonazeotrope		255
A =	$C_2H_5Cl_3$	1,1,3-Trichloropropane	148			
4223	$C_7H_{14}O$	2-Heptanone	150	Max. b.p.		111
4224	$C_7H_{14}O_2$	Amyl acetate	148	Max. b.p.		111
A =	$C_2H_5Cl_3$	1,2,2-Trichloropropane	122			
4225	C_5H_5N	Pyridine	115	Nonazeotrope		111
4226	C_5H_8O	Cyclopentanone	129	Nonazeotrope		111
4227	$C_5H_{10}O_2$	Ethyl carbonate	126	Max. b.p.		111
4228	$C_5H_{12}O_2$	Butyl acetate	125	126.4	38	
					V-L	111
4229	$C_7H_{14}O$	2,4-Dimethyl-3-pentanone	124	Max. b.p.		123
4230	$C_7H_{14}O_2$	Isopropyl butyrate	128	Nonazeotrope		111

No.	Formula	B-Component		Asotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₃Cl₃	1,2,3-Trichloropropane	158			
4231	C ₂ H ₅ O ₂	Propionic acid	140.7	~140.5	30?	248
4232	C ₂ H ₇ NO ₂	Ethyl carbamate	185.25	155.0	90	244
4233	C ₄ H ₅ Cl ₃ O	α, α, β -Trichlorobutyraldehyde	164	Nonazeotrope		243
4234	C ₄ H ₅ O ₄	Methyl oxalate	164.2	154.0	72	218
4235	C ₂ H ₇ ClO ₂	Ethyl chloroacetate	186.85	Nonazeotrope		218
4236	C ₄ H ₅ O ₂	Butyric acid	162.45	153.0	75	221
4237	C ₄ H ₅ O ₂	Isobutyric acid	154.35	149.2	62	222
4238	C ₄ H ₅ O ₂	Methyl lactate	143.8	Nonazeotrope		253
4239	C ₅ H ₇ O ₂	2-Furaldehyde	161.45	Nonazeotrope		252
4240	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	155.0	93?	255
4241	C ₅ H ₁₀ O ₂	Ethyl lactate	153.9	~153.5	~15	252
4242	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	<149.5	>12	240
4243	C ₅ H ₁₁ O	Isoamyl alcohol	131.3	Nonazeotrope		207
4244	C ₆ H ₅ Br	Bromobenzene	156.1	155.6	30	229
4245	C ₆ H ₅ O	Phenol	182.2	Nonazeotrope		210
4246	C ₆ H ₁₀ O	Cyclohexanone	155.7	160.0	61	232
4247	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4	Nonazeotrope		215
4248	C ₆ H ₁₂ O	Cyclohexanol	160.7	154.9	67	252
4249	C ₆ H ₁₄ O	Hexyl alcohol	157.85	152.8	60	247
4250	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		255
4251	C ₇ H ₈ O	Anisole	183.85	Nonazeotrope		210
			155	Max. b.p.		111
4252	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
4253	C ₇ H ₁₄ O	Heptaldehyde	155	Max. b.p.		111
4254	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		239
4255	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		228
4256	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		227
4257	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		239
4258	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		253
4259	C ₈ H ₁₈ SiO ₄	Ethyl silicate	165	Nonazeotrope ?		243
4260	C ₈ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
4261	C ₈ H ₁₆ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		227
4262	C ₈ H ₁₆ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		227
4263	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
4264	C ₁₀ H ₁₆	Camphene	159.6	~152.9	~65	209
4265	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		215
4266	C ₁₀ H ₁₆	α -Pinene	155.8	150.0	~85	252
4267	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	~155.5	~70	252
A =	C₃H₅I	3-Iodopropene	102			
4268	C ₃ H ₅ O	Allyl alcohol	96.95	89.4	72	212
4269	C ₃ H ₅ O ₂	Propionic acid	141.3	Nonazeotrope		255
4270	C ₃ H ₅ O ₂	Methyl carbonate	90.25	<90.0	....	255
4271	C ₃ H ₇ I	1-Iodopropene	102.4	Nonazeotrope		255
4272	C ₃ H ₅ O	Isopropyl alcohol	82.45	~79	~58	243
4273	C ₃ H ₅ O	Propyl alcohol	97.2	90.0	71	243
4274	C ₃ H ₅ O ₂	2-Methoxyethanol	124.5	100.5	~95	255
4275	C ₄ H ₇ N	Isobutyronitrile	103.85	<93.2	<68	242
4276	C ₄ H ₉ O ₂	Dioxane	101.35	98.5	56	207
4277	C ₄ H ₉ O	Butyl alcohol	117.8	98.7	87	247
4278	C ₄ H ₉ O	Isobutyl alcohol	108	96	~83	243
4279	C ₅ H ₁₁ O	2-Pentanone	102.35	100.7	66	232
4280	C ₅ H ₁₁ O	3-Pentanone	102.05	100.5	65	232
4281	C ₅ H ₁₁ O ₂	Butyl formate	106.7	100.0	>75	227
4282	C ₅ H ₁₁ O ₂	Ethyl propionate	99.1	98.0	35	227
4283	C ₅ H ₁₁ O ₂	Isobutyl formate	98.3	95.8	38	243
4284	C ₅ H ₁₁ O ₂	Isopropyl acetate	89.5	Nonazeotrope		255
4285	C ₅ H ₁₁ O ₂	Methyl butyrate	102.75	101.0	65	253
4286	C ₅ H ₁₁ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		227
4287	C ₅ H ₁₁ O ₂	Propyl acetate	101.6	99.5	56	218
4288	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		229
4289	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.0	....	230
4290	C ₅ H ₁₁ O	<i>tert</i> -Amyl alcohol	102.35	<97.2	<75	247
4291	C ₅ H ₁₁ O	Isoamyl alcohol	131.9	Nonazeotrope		207
4292	C ₅ H ₁₁ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope ?		243
4293	C ₅ H ₁₄ O ₂	Acetal	103.55	100.0	67	239

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₃H₅I	3-Iodopropene (continued)	102			
4294	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
4295	C ₇ H ₁₄	Methylcyclohexane	101.8	99	~70	243
4296	C ₇ H ₁₆	Heptane	98.45	97.0	48	218
A =	C₃H₅N	Propionitrile	97.2			
4297	C ₃ H ₇ I	2-Iodopropane	89.45	81.2	30	242
4298	C ₃ H ₈ O	Isopropyl alcohol	82.4	81.5	12	245
4299	C ₃ H ₈ O	Propyl alcohol	97.2	90.5	50	248
4300	C ₃ H ₉ ClSi	Chlorotrimethylsilane	57.7	Nonazeotrope		240
4301	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		245
4302	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		245
4303	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		245
4304	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	85.0	35	242
4305	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		245
4306	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	95.5	76	245
4307	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	<94.5	>40	245
4308	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	<96.0	>54	255
4309	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	95.4	55	245
4310	C ₅ H ₁₂ O	tert-Amyl alcohol	102.85	<94.5	>57	245
4311	C ₅ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		245
4312	C ₅ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		245
4313	C ₆ H ₁₄	Hexane	68.8	63.5	9	245
4314	C ₆ H ₁₄ O	Isopropyl ether	68.8	<67.5	>4	255
4315	C ₆ H ₁₄ O	Propyl ether	90.1	<83.5	>18	242
4316	C ₇ H ₈	Toluene	110.75	Min. b.p.		202
4317	C ₇ H ₁₄	Methylcyclohexane	101.15	<85.0	>45	242
4318	C ₇ H ₁₆	Heptane	98.4	<80.5	....	245
4319	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
A =	C₃H₅N₃O₃	Nitroglycerin	....		
4320	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope, V-l.		271
A =	C₃H₆Br₂	1,2-Dibromopropane	140.5			
4321	C ₃ H ₆ O ₂	Propionic acid	141.3	134.5	67	207
4322	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope		255
4323	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		255
4324	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	124.0	....	208
4325	C ₄ H ₆ N	Pyrrole	130	Nonazeotrope		235
4326	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		255
4327	C ₄ H ₈ O ₂	Butyric acid	164.0	138.5	92	242
4328	C ₄ H ₈ O ₂	Isobutyric acid	154.6	137.0	85	242
4329	C ₄ H ₁₀ O	Butyl alcohol	117.8	<117.1	39	255
4330	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		255
4331	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	132.5	50	235
4332	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		236
4333	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		255
4334	C ₅ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		255
4335	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.5	Nonazeotrope		227
4336	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	<128.5	>52	207
4337	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255
4338	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		232
4339	C ₆ H ₁₀ S	Allyl sulfide	~138.7	Nonazeotrope		243
4340	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		243
4341	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
4342	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
4343	C ₇ H ₈ O	Anisole	158.85	Nonazeotrope		229
4344	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		222
4345	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		222
4346	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		255
4347	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	Nonazeotrope		227
4348	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
4349	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		255
4350	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	<140.2	>91	255
4351	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		227
4352	C ₇ H ₁₄ O ₂	Propyl butyrate	134.7	Nonazeotrope		227
4353	C ₇ H ₁₄ O ₂	Propyl isobutyrate	124.0	Nonazeotrope		227
4354	C ₈ H ₁₀	Ethylbenzene	136.15	135.95	5	243

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₃H₇Br₂	1,2-Dibromopropane	140.5				
4355	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138	30		243
4356	C ₈ H ₁₀	<i>o</i> -Xylene	142.6	139.2	~70		243
4357	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	137.5	~22		243
4358	C ₈ H ₁₈ O	Butyl ether	142.4	146.0	40		259
4359	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope			255
4360	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope			255
A =	C₃H₇Br₂	1,3-Dibromopropane	166.9				
4361	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope			207
4362	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope			207
4363	C ₂ H ₇ NO ₂	Ethyl carbamate	185.25	164.05	87.8		207
4364	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope			207
4365	C ₄ H ₇ Cl ₂ O	Ethyl 1,1,2-trichloroethyl ether	172.5	Nonazeotrope			255
4366	C ₄ H ₉ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope			207
4367	C ₄ H ₈ O ₂	Butyric acid	163.5	158.4	70		207
4368	C ₄ H ₈ O ₂	Isobutyric acid	154.6	151.5	40		242
4369	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	159.45	54		207
4370	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	164.0	74		255
4371	C ₅ H ₈ O ₄	Methyl malonate	181.5	Nonazeotrope			227
4372	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	163.35	84.5		207
4373	C ₅ H ₁₀ O ₂	Valeric acid	186.35	166.0	92		207
4374	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.5	Nonazeotrope			227
4375	C ₅ H ₁₃ O ₂	2-Propoxyethanol	151.35	Nonazeotrope			236
4376	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope			255
4377	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope			255
4378	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope			232
4379	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope			207
4380	C ₆ H ₁₂ O	Cyclohexanol	160.65	158.5	...		243
4381	C ₆ H ₁₂ O ₂	Caproic acid	205.15	Nonazeotrope			255
4382	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope			255
4383	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope			236
4384	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	164.55	77		207
4385	C ₇ H ₉ N	Benzonitrile	191.1	Nonazeotrope			245
4386	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope			255
4387	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope			255
4388	C ₇ H ₈ O	Benzyl alcohol	105.25	Nonazeotrope			255
4389	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope			255
4390	C ₇ H ₁₄ O ₂	1,3-Butanediol methyletheracetate	171.75	Nonazeotrope			255
4391	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	>170	>45		239
4392	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope			239
4393	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope			239
4394	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope			232
4395	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope			227
4396	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.4	Nonazeotrope			227
4397	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope			255
4398	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope			255
4399	C ₉ H ₈	Indene	182.6	Nonazeotrope			255
4400	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope			255
4401	C ₉ H ₁₆ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope			227
4402	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope			255
4403	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope			255
4404	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope			255
A =	C₃H₆Br₂O	2,3-Dibromo-1-propanol	219.5				
4405	C ₄ H ₁₀ O ₂	Diethylene glycol	245.5	Nonazeotrope			255
4406	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope			255
4407	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope			255
4408	C ₈ H ₁₄ O ₂	Dipropylene glycol	229.2	Nonazeotrope			255
4409	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope			255
4410	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<209.0	<40		255
4411	C ₈ H ₁₆ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope			255
4412	C ₈ H ₁₆ O ₂	Veratrole	206.8	Nonazeotrope			255
4413	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope			255
4414	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope			255
4415	C ₉ H ₈	Indene	182.6	Nonazeotrope			255
4416	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	228.2	...		255
4417	C ₉ H ₁₀ O	Propiophenone	217.7	<222.0	...		255

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	$C_2H_6Br_2O$	2,3-Dibromo-1-propanol (continued)	219.5				
4418	$C_{10}H_{16}$	Butylbenzene	183.1	Nonazeotrope			255
4419	$C_{10}H_{14}$	Cymene	176.7	Nonazeotrope			255
4420	$C_{10}H_{16}$	Dipentene	177.7	<176.5	>12		255
4421	$C_{10}H_{20}O$	Menthol	216.3	<216.2	<22		255
4422	$C_{11}H_{20}O$	Methyl α -terpineol ether	216.2	Nonazeotrope			255
4423	$C_{11}H_{20}O$	Isobornyl methyl ether	192.4	Nonazeotrope			255
4424	$C_{12}H_{22}O$	Bornyl ethyl ether	204.9	Nonazeotrope			255
A =	$C_2H_6Cl_2$	1,1-Dichloropropane	90				
4425	$C_5H_{10}O_2$	Isopropyl acetate	90	Max. b.p.			111
4426	$C_6H_{15}N$	Triethylamine	89	Max. b.p.			111
A =	$C_2H_6Cl_2$	1,2-Dichloropropane	97				
4427	C_3H_8O	Isopropyl alcohol At 30° C.	82.4	....	50, V-l.		119
			....	....	75, V-l.		119
4428	$C_4H_8O_2$	Butyric acid	162.4	Nonazeotrope			277
4429	$C_6H_{10}O_2$	Dioxane	101	Max. b.p.			111
4430	$C_8H_{16}O$	2-Pentanone	102	Max. b.p.			111
4431	$C_8H_{16}O_2$	Ethyl propionate	99	Max. b.p.			111
4432	C_6H_{12}	Cyclohexane	80	80.4	16		117
A =	$C_2H_6Cl_2$	1,3-Dichloropropane	129.8				
4433	$C_8H_{16}O_2$	2-Methoxy ethyl acetate	144.6	Nonazeotrope			255
4434	C_6H_6O	Phenol	182.2	Nonazeotrope			255
4435	$C_8H_{16}O_2$	2-Ethoxyethyl acetate	156.8	Nonazeotrope			255
A =	$C_2H_6Cl_2$	2,2-Dichloropropane	70.4				
4436	C_3H_8O	Allyl alcohol	96.85	<70.0	....		255
4437	$C_7H_8O_2$	Ethyl formate	54.15	Nonazeotrope			227
4438	$C_8H_8O_2$	Methyl acetate	57.0	Nonazeotrope			227
4439	C_3H_8O	Isopropyl alcohol	82.4	66.8	83		247
4440	C_3H_8O	Propyl alcohol	97.2	<70.1	>89		255
4441	$C_4H_8O_2$	Ethyl acetate	77.15	Nonazeotrope			227
4442	$C_4H_8O_2$	Methyl propionate	79.85	Nonazeotrope			227
4443	$C_4H_8O_2$	Propyl formate	80.85	Nonazeotrope			227
4444	$C_4H_7NO_2$	Butyl nitrite	78.2	Nonazeotrope			230
4445	$C_4H_7NO_2$	Isobutyl nitrite	67.1	Nonazeotrope			230
4446	$C_4H_{10}O$	Butyl alcohol	117.8	Nonazeotrope			255
4447	$C_4H_{10}O$	Isobutyl alcohol	108.8	Nonazeotrope			255
4448	C_6H_6	Benzene	80.15	Nonazeotrope			255
4449	C_6H_{12}	Cyclohexane	80.75	Nonazeotrope			255
4450	C_8H_{12}	Methylcyclopentane	72.0	<69.5	<70		255
4451	C_6H_{14}	Hexane	68.8	<68.0	>40		255
4452	$C_6H_{14}O$	Isopropyl ether	68.3	74.0	60		239
A =	$C_2H_6Cl_2O$	1,3-Dichloro-2-propanol	175.8				
4453	$C_8H_7NO_2$	Ethyl carbamate	185.25	Nonazeotrope			255
4454	$C_4H_8O_4$	Methyl oxalate	164.45	Nonazeotrope			255
4455	$C_8H_8O_2$	2-Furaldehyde	161.45	Nonazeotrope			207
4456	$C_8H_{11}I$	1-Iodo-3-methylbutane	147.65	<147.4	>4		255
4457	$C_8H_{15}O_2$	2-Propoxyethanol	151.35	Nonazeotrope			208
4458	$C_6H_5Cl_3$	1,3,5-Trichlorobenzene	208.4	Nonazeotrope			255
4459	C_6H_4BrCl	<i>p</i> -Bromochlorobenzene	196.4	Nonazeotrope			255
4460	$C_6H_4Cl_2$	<i>o</i> -Dichlorobenzene	179.5	170.5	60		247
4461	$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene	174.35	168.2	45		210
4462	C_6H_5Br	Bromobenzene	156.1	155.5	~9		252
4463	C_6H_5I	Iodobenzene	188.55	173	~70		253
4464	C_6H_6O	Phenol	181.5	Nonazeotrope			243
4465	$C_6H_{10}O$	Cyclohexanone	155.7	Nonazeotrope			232
4466	$C_8H_{10}O_4$	Ethyl oxalate	185.65	Nonazeotrope			255
4467	$C_6H_{12}O$	Cyclohexanol	160.7	Nonazeotrope			210
4468	$C_8H_{15}O_2$	Propyl lactate	171.7	~170	....		243
4469	$C_8H_{15}Br$	1-Bromoheptane	156.5	154.5	15		247
4470	$C_8H_{16}O$	Hexyl alcohol	157.85	Nonazeotrope			255
4471	$C_8H_{16}O_2$	2-Butoxyethanol	171.25	Nonazeotrope			208
4472	$C_8H_{16}O_2$	Pinacol	174.85	<173.6	<45		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₆Cl₂O	1,3-Dichloro-2-propanol	175.8			
		<i>(continued)</i>				
4473	C ₇ H ₆ O	Benzaldehyde	179.2	<174	>85	243
4474	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	171.8	36	244
4475	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	170.45	61	253
4476	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	172.8	~68	214
4477	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	168.9	57	253
4478	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	158.0	15	218
4479	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.0	22	218
4480	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		236
4481	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
4482	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
4483	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
4484	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		207
4485	C ₇ H ₁₆ O	Heptyl alcohol	176.15	174.2	47	255
4486	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
4487	C ₈ H ₈	Styrene	145.8	~143.5	~15	212
4488	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
4489	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		243
4490	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		255
4491	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<167.0	....	255
4492	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	173.1	59	236
4493	C ₈ H ₁₀ O	Phenetole	170.45	168.8	37	236
4494	C ₈ H ₁₄ O	Methyl heptenone	173.2	179.0	65?	232
4495	C ₈ H ₁₆ O	2-Octanone	172.85	179.0	67?	232
4496	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
4497	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
4498	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	175.35	85	244
4499	C ₉ H ₈	Indene	183.0	173.5	66.5	221
4500	C ₉ H ₁₂	Cumene	152.8	<152.5	....	255
4501	C ₉ H ₁₂	Mesitylene	164.6	161.5	32	247
4502	C ₉ H ₁₂	Propylbenzene	159.3	157.5	20	255
4503	C ₉ H ₁₂	Pseudocumene	168.2	164.4	37	221
4504	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	177.5	>85	232
4505	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
4506	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
4507	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		221
4508	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		255
4509	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255
4510	C ₁₀ H ₁₄	Butylbenzene	183.1	172.0	65	247
4511	C ₁₀ H ₁₄	Cymene	~176.7	165.5	55	212
4512	C ₁₀ H ₁₆	Camphene	159.5	152.8	~38	252
4513	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	165.75	57	243
4514	C ₁₀ H ₁₆	Nopinene	163.8	156.5	43	247
4515	C ₁₀ H ₁₆	α -Terpinene	173.4	<165.0	<56	255
4516	C ₁₀ H ₁₆	α -Phellandrene	171.5	163	43	243
4517	C ₁₀ H ₁₆	α -Pinene	155.8	150.4	36.5	208
4518	C ₁₀ H ₁₆	γ -Terpinene	181.5	166.8	62	218
4519	C ₁₀ H ₁₆	Terpinolene	185	168	70	243
4520	C ₁₀ H ₁₆	Thymene	179.7	166.5	60	212
4521	C ₁₀ H ₁₈ O	Linaloöl	198.6	Nonazeotrope		255
4522	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
4523	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	155	~38	212
4524	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	165.9	48	221
4525	C ₁₁ H ₂₀ O	Isoboronyl methyl ether	192.4	Nonazeotrope		255
4526	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₃H₆Cl₂O	2,3-Dichloro-1-propanol	182.5			
4527	C ₂ H ₇ NO ₂	Ethyl carbamate	185.25	>186.5	>20	255
4528	C ₄ H ₆ O ₄	Methyl oxalate	164.45	Nonazeotrope		255
4529	C ₆ H ₁₂ O ₃	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		255
4530	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	174.2	40	247
4531	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	170.8	30	255
4532	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		255
4533	C ₆ H ₅ I	Iodobenzene	188.45	177.2	57	247
4534	C ₆ H ₆ O	Phenol	181.5	Azeotrope doubtful		243
4535	C ₆ H ₇ N	Aniline	184.35	~181	....	243

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₆Cl₂O	2,3-Dichloro-1-propanol (<i>continued</i>)	182.5			
4536	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
4537	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		255
4538	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		255
4539	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
4540	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
4541	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	175.8	50	247
4542	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	171.6	45	243
4543	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	176.2	52	255
4544	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	171	40	243
4545	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		255
4546	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
4547	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		255
4548	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		222
4549	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
4550	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
4551	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		255
4552	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
4553	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		212
4554	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
4555	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
4556	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	175.5	32	255
4557	C ₈ H ₁₆ O	2-Octanone	172.85	184.0	....	232
4558	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
4559	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	~175	....	243
4560	C ₉ H ₈	Indene	182.4	172.5	~57	212
4561	C ₉ H ₁₂	Mesitylene	164.6	163	18	255
4562	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.9?	....	255
4563	C ₉ H ₁₂ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
4564	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		243
4565	C ₁₀ H ₁₄	Cymene	176.7	172.5	42	247
4566	C ₁₀ H ₁₆	Camphene	159.6	156.0	25	212
4567	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	169.3	40	243
4568	C ₁₀ H ₁₆	Nopinene	163.8	158.0	37	247
4569	C ₁₀ H ₁₆	α -Pinene	155.8	153	20	212
4570	C ₁₀ H ₁₆	α -Terpinene	173.4	<167.5	>40	255
4571	C ₁₀ H ₁₆	γ -Terpinene	183	<173.5	<60	255
4572	C ₁₀ H ₁₆	Terpinolene	~185	~174	....	243
4573	C ₁₀ H ₁₆	Thymene	179.7	170.8	50	212
4574	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope (reacts)		255
4575	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
4576	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₃H₆O	Acetone	56.15			
4577	C ₃ H ₆ O	Allyl alcohol	96.85	Nonazeotrope		232
4578	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		232
4579	C ₃ H ₆ O ₂	Ethyl formate	54.15	Nonazeotrope		232
4580	C ₃ H ₆ O ₂	Methyl acetate	57	55	50	232*, 234
4581	C ₃ H ₇ Br	1-Bromopropane	71.0	56.13	98	232
		1-Bromopropane	71.0	Nonazeotrope		163
4582	C ₃ H ₇ Br	2-Bromopropane	59.4	54.12	42	232
4583	C ₃ H ₇ Cl	1-Chloropropane	46.65	45.8	15	235
4584	C ₃ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope		232
4585	C ₃ H ₇ I	2-Iodopropane	89.45	Nonazeotrope		232
4586	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		232
4587	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		232
4588	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		232
4589	C ₄ H ₈ O	<i>n</i> -Propyl alcohol	97.2	Nonazeotrope		232
4590	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		232
4591	C ₃ H ₈ S	Propanethiol	67.5	54.5	~67	243
4592	C ₃ H ₈ BO ₃	Methyl borate	68.7	55.45	82.5	232
4593	C ₃ H ₉ N	Propylamine	49.7	<48.0	>20	231
4594	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		232
4595	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		228
4596	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		232
4597	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		232

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₆O	Acetone (<i>continued</i>)	56.15			
4598	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope		90
4599	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		334
4600	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		232
4601	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		232
4602	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		232
4603	C ₄ H ₉ Cl	2-Chlorobutane	68.25	55.75	80	232
4604	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	55.75	75	232
4605	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	49.2	25	232
4606	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		232
4607	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		232
4608	C ₄ H ₁₀ O	Butyl alcohol	117.7	Nonazeotrope, V-l.		48
		At 25° C.	....	Nonazeotrope, V-l.		119
4609	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		232
4610	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope	155*, 243*, 334	
4611	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		232
4612	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		243
4613	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		246
4614	C ₄ H ₁₁ N	Butylamine	77.8	Nonazeotrope		231
4615	C ₄ H ₁₁ N	Diethylamine	55.5	51.39	38.21	231*, 271
4616	C ₄ H ₁₁ N	Isobutylamine	68.0	<56.0	<96	231
4617	C ₅ H ₆	Cyclopentadiene	41.0	Min. b.p.		107
4618	C ₅ H ₈	Isoprene	34.3	30.5	20	107*, 232
4619	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	35.3	27	232
4620	C ₅ H ₈	Piperylene	42.5	Min. b.p.		107
4621	C ₅ H ₁₀	Cyclopentane	49.3	41.0	36	232
4622	C ₅ H ₁₀	2-Methyl-1-butene	31.05	Min. b.p.		107
4623	C ₅ H ₁₀	2-Methyl-2-butene	37.1	32.5	22	107*, 232
4624	C ₅ H ₁₀	3-Methyl-1-butene	20.6	19.7	7	107*, 232
4625	C ₅ H ₁₀	1-Pentene	30.1	Min. b.p.		107
4626	C ₅ H ₁₀	2-Pentene	36.4	Min. b.p.		107
4627	C ₅ H ₁₂	2-Methylbutane	27.95	25.7	12	232
4628	C ₅ H ₁₂	Pentane	36.15	31.9	21	232
4629	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		232
4630	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	<56.1	<95	232
4631	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		232
4632	C ₆ H ₆ Cl	Chlorobenzene	131.6	Nonazeotrope, V-l.		285
4633	C ₆ H ₆ F	Fluorobenzene	84.9	Nonazeotrope		232
4634	C ₆ H ₆	Benzene	80.1	Nonazeotrope, V-l.		110*, 285, 322*, 372*
4635	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		243
4636	C ₆ H ₈	1,3-Cyclohexadiene	80.4	<55	<85	232
4637	C ₆ H ₁₀	Biallyl	60.1	47.1	45	232
4638	C ₆ H ₁₂	Cyclohexane	80.75	53.0	67	115*, 232
4639	C ₆ H ₁₂	Methylcyclopentane	72.0	50.3	57	203*, 232
4640	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	46.3	42	232
4641	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	49.7	53.5	232
4642	C ₆ H ₁₄ O	Isopropyl ether	69.0	54.2	61	110
4643	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		232
4644	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		243
4645	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231
4646	C ₇ H ₆ O ₂	Benzoic acid	249.5	Nonazeotrope		255
4647	C ₇ H ₈	Toluene	110.75	Nonazeotrope		232
4648	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		232
4649	C ₇ H ₁₆	Heptane	98.4	55.85	89.5	232
			98.45	Nonazeotrope		150
4650	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		232
A =	C₃H₆O	Allyl Alcohol	96.95			
4651	C ₃ H ₆ O ₂	Methyl carbonate	90.5	86.4	23	207
4652	C ₃ H ₇ Br	1-Bromopropane	71.0	69.5	9	212
4653	C ₃ H ₇ Br	2-Bromopropane	59.4	Nonazeotrope		207
4654	C ₃ H ₈ O	Propyl alcohol	97.2	96.73	74	250
4655	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		255
4656	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		232
4657	C ₄ H ₈ OS	Ethyl thioacetate	116.5	<96.5	....	255
4658	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		207

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₃H₆O	Allyl Alcohol (<i>continued</i>)	96.95			
4659	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		243
4660	C ₄ H ₈ O ₂	Methyl propionate	79.7	Nonazeotrope		207
4661	C ₄ H ₈ O ₂	Propyl formate	80.8	80.5	...	216
4662	C ₄ H ₉ Br	1-Bromobutane	101.5	89.5	30	207
4663	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.6	83.9	18	357
4664	C ₄ H ₉ Cl	1-Chlorobutane	78.5	74.5	15	247
4665	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	67	~7	357
4666	C ₄ H ₉ I	1-Iodobutane	130.4	<96.4	<74	255
4667	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	Nonazeotrope		243
4668	C ₄ H ₁₀ S	Ethyl sulfide	92.1	85.1	45	207
4669	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233
4670	C ₅ H ₈ O ₂	Allyl acetate	104	Min. b.p.		1
4671	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	93.5	36	232
4672	C ₅ H ₁₀ O	2-Pentanone	102.35	96.0	70	232
4673	C ₅ H ₁₀ O	3-Pentanone	102.05	95.95	72	232
4674	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	~93.2	~54	357
4675	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	93	~52	357
4676	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	<94.7	<51	207
4677	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	89.8	28	207
4678	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	94.6	52	207
4679	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	88.3	29	207
4680	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	<87.0	>11	207
4681	C ₆ H ₆ Cl	Chlorobenzene	131.8	96.5	82.5	207
4682	C ₆ H ₆	Benzene	80.2	76.75	17.36	334*, 357*, 413
4683	C ₆ H ₈	1,3-Cyclohexadiene	80.8	75.9	~21	357
4684	C ₆ H ₁₀	Cyclohexene	82.75	76.3	~21.7	357
4685	C ₆ H ₁₀ O	Allyl ether	94.84	89.8	30.0	357
4686	C ₆ H ₁₂	Cyclohexane	80.75	74	~20	357
4687	C ₆ H ₁₂	Methylcyclopentane	72.0	67.8	<10	247
4688	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	~96.2	....	216
4689	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		207
4690	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<56.7	....	255
4691	C ₆ H ₁₄	Hexane	68.95	65.5	4.5	357
4692	C ₆ H ₁₄ O	Propyl ether	90.1	85.7	30	207
4693	C ₇ H ₈	Toluene	110.6	91-92	50	334, 357*
4694	C ₇ H ₁₄	Methylcyclohexane	101.1	85.0	42	217
4695	C ₇ H ₁₆	Heptane	98.45	84.5	~37	217
4696	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		217
4697	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	89.3	50	247
4698	C ₈ H ₁₈	Octane	125.75	93.4	68	247
4699	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
4700	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		255
4701	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		217
4702	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		217
A =	C₃HO	Propionaldehyde	48.7			
4703	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		255
4704	C ₃ H ₇ Cl	1-Chloropropane	46.65	<46.4	....	255
4705	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.0	Nonazeotrope		228
4706	C ₃ H ₇ NO ₂	Propyl nitrite	57.75	<47.3	>18	228
4707	C ₄ H ₈ O	Cyclopropyl methyl ether	44.73	43	....	360
4708	C ₅ H ₆ O	2-Methylfuran	63.7	Nonazeotrope		310
A =	C₃H₆O	Propylene Oxide	43.6			
4709	C ₅ H ₈	Cyclopentene	43.6	Min. b.p.		416
4710	C ₅ H ₈	Isoprene	34.5	31.6	60	416
4711	C ₅ H ₁₀	Cyclopentane	49.4	Min. b.p.		416
4712	C ₅ H ₁₀	2-Methyl-1-butene	32	27	47	416
4713	C ₅ H ₁₀	Pentenes	....	Min. b.p.		416
4714	C ₅ H ₁₀	2-Pentene	35.8	30	54	416
4715	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		238
4716	C ₅ H ₁₂	Pentanes	....	Min. b.p., azeotrope		416
4717	C ₅ H ₁₂	Pentane	36	27.5	57	416
4718	C ₆ H ₁₂	Cyclohexane	80.75	Min. b.p.		416
4719	C ₆ H ₁₂	Hexenes	....	Min. b.p.		416
4720	C ₆ H ₁₄	Hexanes	....	Min. b.p., azeotrope		416

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₆OS	Methyl Thioacetate	95.5			
4721	C ₃ H ₈ O	Isopropyl alcohol	82.4	<81.5	....	255
4722	C ₃ H ₈ O	Propyl alcohol	97.2	<91.5	....	255
4722a	C ₄ H ₉ ClO	Chloroethyl ethyl ether	98.5	<95.2	>85	255
4722b	C ₄ H ₁₀ S	Ethyl sulfide	92.1	<91.0	>28	255
4722c	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	87.8	<87.2	<12	255
A =	C₃H₆O₂	1,3-Dioxolane	75			
4723	C ₆ H ₆	Benzene	80.2	74	85	202
A =	C₃H₆O₂	Ethyl Formate	54.1			
4724	C ₃ H ₆ O ₂	Methyl acetate	56.25	Nonazeotrope		212
4725	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		218
4726	C ₃ H ₇ Br	2-Bromopropane	59.35	53	69	207
4727	C ₃ H ₇ Cl	1-Chloropropane	46.65	46.25	15	235
4728	C ₃ H ₇ Cl	2-Chloropropane	54.15	Nonazeotrope		227
4729	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		229
4730	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	47.4	12	207
4731	C ₃ H ₈ O	Isopropyl alcohol	82.35	Nonazeotrope		216
4732	C ₃ H ₈ O ₂	Methylal	42.25	Nonazeotrope		237
4733	C ₃ H ₈ S	1-Propanethiol	67.5	~52	....	241
4734	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		255
4735	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		243
4736	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	48.5	35	227
4737	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		237
4738	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		237
4739	C ₅ H ₈	Isoprene	34.2	<32.5	<24	242
4740	C ₅ H ₁₀	Cyclopentane	49.4	<42.0	<45.0	242
4741	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243
4742	C ₅ H ₁₂	2-Methylbutane	27.95	26.5	18	211
4743	C ₅ H ₁₂	Pentane	36.2	32.5	30	226
4744	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Nonazeotrope		237
4745	C ₆ H ₆	Benzene	80.2	Nonazeotrope		243
4746	C ₆ H ₁₀	Biallyl	60.2	~45.2	~58	253
4747	C ₆ H ₁₂	Methylcyclopentane	72.0	51.2	75	242
4748	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	45.0	52	242
4749	C ₆ H ₁₄	n-Hexane	68.95	49.0	~67	253
4750	C ₉ H ₁₀ O ₂	Ethyl benzoate	213	Vapor pressure curve		243
4751	C ₉ H ₁₂	Pseudocumene	169	Vapor pressure data		243
A =	C₃H₆O₂	Methyl Acetate	56.95			
4752	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		218
4753	C ₃ H ₇ Br	2-Bromopropane	59.35	56	68	207
4754	C ₃ H ₇ Cl	1-Chloropropane	46.65	Nonazeotrope		235
4755	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		230
4756	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		229
4757	C ₃ H ₈ O	Isopropyl alcohol	82.35	Nonazeotrope		216
4758	C ₃ H ₈ O ₂	Methylal	42.25	Nonazeotrope		237
4759	C ₃ H ₉ BO ₃	Methyl borate	68.7	Nonazeotrope		255
4760	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		207
4761	C ₄ H ₈ O	Butyraldehyde	75.5	Nonazeotrope		228
4762	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		255
4763	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		255
4764	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		255
4765	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		243
4766	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	Nonazeotrope		218
4767	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		230
4768	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		237
4769	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	Nonazeotrope		237
4770	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		237
4771	C ₄ H ₁₁ N	Diethylamine	56	~53	....	243
4772	C ₅ H ₆ O	2-Methylfuran	63.7	Nonazeotrope		237, 310*
4773	C ₅ H ₁₀	2-Methyl-2-butene	37.2	<36.9	<12	255
4774	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		217
4775	C ₆ H ₆	Benzene	80.2	Nonazeotrope		243
4776	C ₆ H ₁₀	Biallyl	60.0	51	60	217
4777	C ₆ H ₁₀	Cyclohexene	83	Nonazeotrope		226
4778	C ₆ H ₁₂	Cyclohexane	80.8	Nonazeotrope		226

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₆O₂	Methyl Acetate (<i>continued</i>)	56.95			
4779	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	51.2	50	255
4780	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	<56.65	<90	255
A =	C₃H₆O₂	Propionic Acid	140.9			
4781	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope		222
4782	C ₄ H ₆ Cl ₂ O ₂	Ethyl dichloroacetate	158.1	Nonazeotrope		255
4783	C ₄ H ₆ O ₃	Methyl pyruvate	137.5	<137.2	>75	232
4784	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		207
4785	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	<140.35	<61	207
4786	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope, V-l.		285
4787	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		207
4788	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		207
4789	C ₄ H ₉ I	1-Iodobutane	130.4	126.8	15	207
4790	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	119.3	7	207
4791	C ₄ H ₉ NO ₃	Isobutyl nitrate	123.5	122.0	9	239
4792	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		246
4793	C ₅ H ₄ O ₂	2-Furaldehyde	161.5	Nonazeotrope		243
4794	C ₅ H ₅ N	Pyridine	115.5	148-150	74	151
4795	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		232
4796	C ₅ H ₈ O ₂	2,4-Pentanedione	138	144	~70	243
4797	C ₅ H ₈ O ₃	Ethyl pyruvate	155.5	Nonazeotrope		232
4798	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		255
4799	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	Nonazeotrope		255
4800	C ₅ H ₁₀ O ₃	2-Methoxy ethyl acetate	144.6	146.85	36	248
4801	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	119.45	7.5	207
4802	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		207
4803	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	136.5	42	207
4804	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	~149.6	138.8	59	207
4805	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		207
4806	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		207
4807	C ₆ H ₅ Br	Bromobenzene	156.1	140.15	....	251
4808	C ₆ H ₅ Cl	Chlorobenzene	132.0	128.9	18	222
4809	C ₆ H ₆	Benzene	80.15	Nonazeotrope		207
4810	C ₆ H ₇ N	2-Picoline	131	~164	....	243
4811	C ₆ H ₇ N	3-Picoline	144	155-163	....	246
		At 212 mm.	....	122	48.5	81*, 82
4812	C ₆ H ₇ N	4-Picoline	145.3	155-163	....	327
		At 212 mm.	....	124	48.1	81*, 82
4813	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
4814	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		232
4815	C ₆ H ₁₀ S	Allyl sulfide	139.35	134.6	40	235
4816	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		207
4817	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		232
4818	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		232
4819	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		207
4820	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		207
4821	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	Nonazeotrope		243
4822	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		207
4823	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		206
4824	C ₆ H ₁₃ Br	1-Bromohexane	156.5	139.0	60	255
4825	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		207
4826	C ₆ H ₁₄ S	Propyl sulfide	141.5	136.5	45	246
4827	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		255
4828	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		207
4829	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		207
4830	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		207
4831	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	139.4	67	218
4832	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	139.8	~75	218
4833	C ₇ H ₈	Toluene	110.75	110.45	3	207
4834	C ₇ H ₈ O	Anisole	153.85	141.17	87	207
4835	C ₇ H ₉ N	2,6-Lutidine	144	155-163	....	327
		At 212 mm.	....	119	48.8	81*, 82
4836	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
4837	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
4838	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		255
4839	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₆O₂	Propionic Acid (<i>continued</i>)	140.9			
4840	C ₇ H ₁₄ O ₂	Methyl caproate	149.7	Nonazeotrope		255
4841	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	Nonazeotrope		221
4842	C _n H _x	Hydrocarbons	138-140	134	67	324
4843	C ₈ H ₈	Styrene	145.8	135.0	~47	225
4844	C ₈ H ₁₀	Ethylbenzene	136.15	131.1	28	243
		At 60 mm.	60.5	58.5	10	26
4845	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	132.65	35.5?	243
4846	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	135.4	43	207
4847	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	132.5	34	207
4848	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		207
4849	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
4850	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		207
4851	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.2	18	242
4852	C ₈ H ₁₆ O ₂	Amyl propionate	...	Nonazeotrope		324
4853	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		255
4854	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		207
4855	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	108.0	8	243
4856	C ₈ H ₁₈	Octane	125.75	121.5	<30	243
4857	C ₈ H ₁₈ O	Butyl ether	142.4	136.0	45	207
4858	C ₈ H ₁₈ O	Isobutyl ether	122.3	<121.5	<6	255
4859	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		233
4860	C ₉ H ₈	Indene	182.6	Nonazeotrope		207
4861	C ₉ H ₁₂	Cumene	152.8	139.0	65	207
4862	C ₉ H ₁₂	Mesitylene	164.0	139.3	77	243
4863	C ₉ H ₁₂	Propylbenzene	158	139.5	75	207
4864	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		221
4865	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		207
4866	C ₁₀ H ₁₄	Cymene	175.5	Nonazeotrope		207
4867	C ₁₀ H ₁₆	Camphene	159.6	138	65	207
4868	C ₁₀ H ₁₆	<i>d</i> -Limonene	177	Nonazeotrope		243
4869	C ₁₀ H ₁₆	Nopinene	164	~139.0	~24	243
4870	C ₁₀ H ₁₆	α -Phellandrene	171.5	Nonazeotrope		243
4871	C ₁₀ H ₁₆	α -Pinene	155.8	136.4	58.5	222
4872	C ₁₀ H ₁₆	α -Terpinene	173.4	141.2	97	255
4873	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		255
4874	C ₁₀ H ₁₆	Thymene	165	139	~88	243
4875	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		207
4876	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	134.7	Nonazeotrope		222
4877	C ₁₀ H ₂₂	Decane	173.3	<140.5	<95	242
4878	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	138.3	70	243
4879	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		207
A =	C₃H₆O₃	Methyl Carbonate	90.35			
4880	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		227
4881	C ₃ H ₇ I	1-Iodopropane	102.4	89.5	90	243
4882	C ₃ H ₇ I	2-Iodopropane	89.35	86.0	<45	227
4883	C ₃ H ₈ O	Isopropyl alcohol	82.45	78.75	44	252
4884	C ₃ H ₈ O	Propyl alcohol	97.2	87	75	212
4885	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		207
4886	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		237
4887	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		255
4888	C ₄ H ₉ Br	1-Bromobutane	101.6	Nonazeotrope		227
4889	C ₄ H ₉ Br	2-Bromobutane	91.2	<88.5	<54	255
4890	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.6	87.5	<50	227
4891	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		255
4892	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		227
4893	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		207
4894	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	89.0	85	243
4895	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	80.65	33	250
4896	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	90.05	92	207
4897	C ₄ H ₁₀ S	Butanethiol	97.5	88.2	70	248
4898	C ₄ H ₁₀ S	Ethyl sulfide	92.1	86.8	53	248
4899	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
4900	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		255
4901	C ₅ H ₁₀ O ₂	Isopropyl acetate	91.0	Nonazeotrope		211
4902	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		229

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C	B.P., ° C.	Wt. % A		
A =	C₃H₆O₃	Methyl Carbonate	90.35				
4903	C ₈ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	<90	....		255
4904	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope			255
4905	C ₇ H ₁₂ O ₂	Diethoxymethane	87.95	86.0	40		207
4906	C ₆ H ₆	Benzene	80.2	80.17	1		252
4907	C ₆ H ₁₀ O	Mesityl oxide	129.45	126.45	94		232
4908	C ₆ H ₁₂	Cyclohexane	80.75	~75	....		243
4909	C ₆ H ₁₂	Methylcyclopentane	72.0	<69.5	>12		255
4910	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	<67.0	<20		255
4911	C ₆ H ₁₄ O	Propyl ether	90.55	<87.5	<58		237
4912	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope			237
4913	C ₇ H ₈	Toluene	110.75	Nonazeotrope			255
4914	C ₇ H ₁₄	Methylcyclohexane	101.15	<85.0	<75		243
4915	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	82.35	61		250
4916	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	~85.5	~70		243
4917	C ₈ H ₈	Styrene	145	Min. b.p.			141
4918	C ₈ H ₁₀	Ethylbenzene	136	Min. b.p.			141
4919	C ₈ H ₁₀	Xylenes	140	Min. b.p.			141
4920	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope			255
4921	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	87.0	80		242
4922	C ₈ H ₁₈	Octane	125.75	Nonazeotrope			255
A =	C₃H₆O₃	Trioxane	114.5				
4923	C ₈ H ₁₂	Naphthenes	~80	Min. b.p.			200
4924	C ₈ H ₁₄	Hexanes	~70	Min. b.p.			200
4925	C ₇ H ₁₄	Naphthenes	~100	Min. b.p.			200
4926	C ₇ H ₁₆	Heptanes	~100	Min. b.p.			200
4927	C ₈ H ₁₆	Xylene	140	Min. b.p.			202
4928	C ₈ H ₁₆	Naphthenes	~120	Min. b.p.			200
4929	C ₈ H ₁₈	Octanes	~120	Min. b.p.			200
4930	C ₈ H ₂₀	Nonanes	~130	Min. b.p.			200
A =	C₃H₇Br	1-Bromopropane	71.0				
4931	C ₃ H ₈ O	Isopropyl alcohol	82.45	66.75	79.5		253
4932	C ₃ H ₈ O	Isopropyl alcohol	82.45	65.2	84		243
4933	C ₃ H ₈ O	Propyl alcohol	95.6	69.75	90		163
4934	C ₃ H ₈ S	1-Propanethiol	87.5	Nonazeotrope			243
4935	C ₃ H ₉ BO ₃	Methyl borate	68.75	~67.8	~55		211
4936	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope			207
4937	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope			255
4938	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope			255
4939	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope			207
4940	C ₄ H ₈ O ₂	Ethyl acetate	77.05	70	~80		243
4941	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope			212
4942	C ₄ H ₈ O ₂	Isopropyl formate	68.8	66.0	<45		227
4943	C ₄ H ₈ O ₂	Methyl propionate	79.7	Azeotrope doubtful			243
4944	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope			218
4945	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope			229
4946	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	68.8	5		212
4947	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope			230
4948	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	67.05	5		230
4949	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope			207
4950	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	68.0	88		247
4951	C ₄ H ₁₀ O	Isobutyl alcohol	105.5	Nonazeotrope, b.p. curve			163
4952	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope			239
4953	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	Nonazeotrope			239
4954	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope			255
4955	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	Nonazeotrope			215
4956	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope			239
4957	C ₅ H ₁₂ O	Isoamyl alcohol	129.3	Nonazeotrope, b.p. curve			163
4958	C ₆ H ₆	Benzene	80.2	Nonazeotrope			243
4959	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope			243
4960	C ₆ H ₁₂	Methylcyclopentane	72.0	68.8	58		242
4961	C ₆ H ₁₆	2,3-Dimethylbutane	58.0	Nonazeotrope			255
4962	C ₆ H ₁₄	Hexane	68.85	67.2	50		218

No.	B-Component		Asotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₇Br	2-Bromopropane	59.4			
4963	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonaseotrope		290
4964	C ₃ H ₈ O	Isopropyl alcohol	82.45	57.7	93	207
4965	C ₃ H ₈ O	Propyl alcohol	97.2	Nonaseotrope		207
4966	C ₃ H ₈ O	Propyl alcohol	97.2	58.4	96	253
4967	C ₃ H ₈ S	Propanethiol	67.3	Nonaseotrope		255
4968	C ₃ H ₇ BO ₃	Methyl borate	68.7	Nonaseotrope		227
4969	C ₄ H ₈ O	2-Butanone	79.6	Nonaseotrope		207
4970	C ₄ H ₈ O	Butyraldehyde	75.2	Nonaseotrope		255
4971	C ₄ H ₈ O	Isobutyraldehyde	68.5	Nonaseotrope		255
4972	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonaseotrope		207
4973	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonaseotrope		230
4974	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonaseotrope		207
4975	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	59.0	94.8	207
4976	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonaseotrope		239
4977	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Nonaseotrope		223
4978	C ₆ H ₆	Benzene	80.15	Nonaseotrope		207
4979	C ₆ H ₁₂	Cyclohexane	80.75	Nonaseotrope		255
4980	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonaseotrope		207
4981	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	55.8	50	207
4982	C ₆ H ₁₄	Hexane	68.8	59.3	98.5	207
4983	C ₆ H ₁₄	Hexane	68.85	Nonaseotrope		213
4984	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonaseotrope		207
A =	C₃H₇Cl	1-Chloropropane	46.65			
4985	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonaseotrope		230
4986	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	45.6	62	235
4987	C ₃ H ₈ O	Isopropyl alcohol	82.4	46.4	97.2	235
4988	C ₃ H ₈ O	Propyl alcohol	97.2	Nonaseotrope		235
4989	C ₃ H ₈ O ₂	Methylal	42.15	Nonaseotrope		235
4990	C ₃ H ₈ S	Propanethiol	67.3	Nonaseotrope		255
4991	C ₃ H ₇ BO ₃	Methyl borate	68.7	Nonaseotrope		255
4992	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonaseotrope		235
4993	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonaseotrope		235
4994	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	Nonaseotrope		235
4995	C ₄ H ₁₀ O	Ethyl ether	34.5	Nonaseotrope		235
4996	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonaseotrope		239
4997	C ₅ H ₈	Isoprene	34.3	Nonaseotrope		255
4998	C ₅ H ₁₀	Cyclopentane	49.3	<44.5	<64	255
4999	C ₅ H ₁₂	Pentane	36	<34.8	<32	235
5000	C ₆ H ₁₄	Hexane	68.8	Nonaseotrope		255
A =	C₃H₇Cl	2-Chloropropane	34.9			
5001	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonaseotrope		230
5002	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonaseotrope		230
5003	C ₃ H ₈ O	Isopropyl alcohol	82.5	Nonaseotrope		23
5004	C ₃ H ₈ O ₂	Methylal	42.3	Nonaseotrope		223
5005	C ₅ H ₁₀	Cyclopentane	49.3	<44.5	<64	242
			49.3	Nonaseotrope		255
5006	C ₅ H ₁₀	2-Methyl-2-butene	37.1	32.8	58	255
5007	C ₅ H ₁₀	2-Methyl-2-butene	37.15	34	61	243
5008	C ₅ H ₁₀	3-Methyl-1-butene	37.1	32.8	58	242
5009	C ₅ H ₁₂	2-Methylbutane	27.95	~24	...	243
5010	C ₅ H ₁₂	Pentane	36.15	~32	~52	243
A =	C₃H₇ClO	1-Chloro-2-propanol	127.0			
5011	C ₄ H ₉ I	1-Iodobutane	130.4	120.0	45	247
5012	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	115.0	25	247
5013	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonaseotrope		255
5014	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonaseotrope		255
5015	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonaseotrope		255
5016	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	115.5	~30	255
5017	C ₅ H ₁₂ O	Isoamyl alcohol	181.9	<127.3	>81	255
5018	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonaseotrope		255
5019	C ₆ H ₅ Br	Bromobenzene	156.1	Nonaseotrope		255
5020	C ₆ H ₅ Cl	Chlorobenzene	131.75	122.2	55	247
5021	C ₆ H ₆	Benzene	80.15	Nonaseotrope		255
5022	C ₆ H ₁₂	Cyclohexane	80.75	Nonaseotrope		255
5023	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonaseotrope		239

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₃H₇ClO	1-Chloro-2-propanol	127.0				
5024	C ₈ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		207	
5025	C ₈ H ₁₂ O ₂	Butyl acetate	126.0	125.5	~25	255	
5026	C ₈ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		255	
5027	C ₈ H ₁₂ O ₂	Isoamyl formate	123.8	123.0	~30	255	
5028	C ₈ H ₁₄ O ₂	Isobutyl acetate	117.4	Nonazeotrope		255	
5029	C ₇ H ₈	Toluene	110.75	109.0	15	247	
5030	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		255	
5031	C ₇ H ₁₆	Heptane	98.4	96.5	17	255	
5032	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	124.5	75	247	
5033	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	125.5	85	255	
5034	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	105.0	30	247	
5035	C ₈ H ₁₈ O	Isobutyl ether	122.3	<118.0	>35	255	
A =	C₃H₇ClO	2-Chloro-1-propanol	133.7				
5036	C ₄ H ₉ I	1-Iodobutane	130.4	123.5	30	247	
5037	C ₈ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	118.0	15	255	
5038	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		255	
5039	C ₆ H ₅ Cl	Chlorobenzene	13.75	126.0	36	247	
5040	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255	
5041	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255	
5042	C ₈ H ₁₂ O ₂	Isoamyl formate	123.8	<123.7	>5	255	
5043	C ₈ H ₁₂ O ₂	Isobutyl acetate	126.0	Nonazeotrope		255	
5044	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	133.5?	60?	255	
4045	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255	
5046	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	129.0	53	247	
5047	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	130.5	70	247	
5048	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	115.0	35	247	
5049	C ₈ H ₁₈ O	Butyl ether	142.4	130.5	70	255	
5050	C ₈ H ₁₈ O	Isobutyl ether	122.3	120.0	25	255	
A =	C₂H₇ClO₂	Chloromethylal	95				
5051	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		255	
5052	C ₅ H ₁₀ O	3-Pentanone	95.0	Nonazeotrope		255	
5053	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255	
5054	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255	
5055	C ₇ H ₁₆	Heptane	98.4	93.0	62	248	
A =	C₂H₇ClO₂	1-Chloro-2,3-propanediol	213				
5056	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	~208	....	243
5057	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	179.2?	....	243
5058	C ₇ H ₈ O	Benzyl alcohol	205.5	204.5	....	243
5059	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		243	
5060	C ₁₀ H ₁₆ O	Camphor	208.9	Nonazeotrope		243	
A =	C₃H₇I	1-Iodopropane	102.4				
5061	C ₃ H ₈ O	Isopropyl alcohol	82.45	79.8	58	253	
5062	C ₃ H ₈ O	Propyl alcohol	97.2	90.2	70	243	
5063	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	101.0	....	255
5064	C ₄ H ₈ O	Crotonaldehyde	102.15	<99.7	....	243
5065	C ₄ H ₈ O ₂	Dioxane	101.35	98.75	60	239	
5066	C ₄ H ₁₀ O	Butyl alcohol	117.75	99.5	86.5	215	
5067	C ₄ H ₁₀ O	Isobutyl alcohol	108	96	~82	243	
5068	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		238	
5069	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232	
5070	C ₅ H ₁₀ O	2-Pentanone	102.35	100.8	65	232	
5071	C ₅ H ₁₀ O	3-Pentanone	102.05	100.8	62	232	
5072	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		255	
5073	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	101.0	56	227	
5074	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		227	
5075	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	99.0	>46	207	
5076	C ₈ H ₁₁ NO ₂	Isoamyl nitrite	97.15	<96.7	....	230
5077	C ₈ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	97.2	70	247	
5078	C ₈ H ₁₂ O	3-Pentanol	116.0	100.5	89	247	
5079	C ₈ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		227	
5080	C ₈ H ₁₄ O ₂	Acetal	108.55	101.0	60	239	
5081	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243	
5082	C ₇ H ₁₄	Methylcyclohexane	101.1	99.4	~60	253	
5083	C ₇ H ₁₆	Heptane	98.4	<97.5	>40	248	

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₇I	2-Iodopropane	89.35			
5084	C ₃ H ₈ O	Isopropyl alcohol	82.45	76.0	68	253
5085	C ₃ H ₈ O	Propyl alcohol	97.2	82.95	83	207
5086	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		207
5087	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		239
5088	C ₄ H ₈ O ₂	Methyl propionate	79.84	Nonazeotrope		227
5089	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		227
			80.85	<80.2	>16	255
5090	C ₄ H ₁₀ O	Butyl alcohol	117.8	88.6	94	247
5091	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	85.4	83	247
5092	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	<77.75	<69	247
5093	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	86.8	88	207
5094	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		227
			98.2	<88.5	>82	255
5095	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	87.0	60	227
5096	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	<88.8	>80	255
5097	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		230
5098	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	88.6	92	247
5099	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6	Nonazeotrope		255
5100	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	86.15	37	207
5101	C ₆ H ₆	Benzene	80.2	Nonazeotrope		218
5102	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
5103	C ₆ H ₁₄ O	Propyl ether	90.55	~89.0	~65	228
5104	C ₇ H ₁₄	Methylcyclohexane	100.8	88	65	284
A =	C₃H₇NO	Acetoxime	135.8			
5105	C ₆ H ₁₀ S	Allyl sulfide	138.7	134	....	243
A =	C₃H₇NO	Propionamide	222.2			
5106	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		255
5107	C ₄ H ₈ NS	Allyl isothiocyanate	152.0	Nonazeotrope		255
5108	C ₄ H ₈ O ₄	Methyl oxalate	164.45	Nonazeotrope		255
5109	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		207
5110	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		207
5111	C ₄ H ₈ O ₂	Glycol monoacetate	190.9	Nonazeotrope		255
5112	C ₄ H ₈ I	1-Iodobutane	130.4	Nonazeotrope		207
5113	C ₄ H ₁₀ O ₂	Diethylene glycol	245.5	Nonazeotrope		206
5114	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		255
5115	C ₅ H ₈ O ₂	Levulinic acid	252	Nonazeotrope		207
5116	C ₅ H ₈ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		255
5117	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
5118	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		207
5119	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		207
5120	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		206
5121	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy)ethano	192.95	Nonazeotrope		206
5122	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	189.5	16	255
5123	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	204.9	22	207
5124	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	216.5	>48	234
5125	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	<220.6	>54	234
5126	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	217.5	49.8	207
5127	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	177.0	9	244
5128	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	172.55	8	207
5129	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		207
5130	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	194.8	Nonazeotrope		255
5131	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope		207
5132	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	228.0	33	242
5133	C ₆ H ₅ I	Iodobenzene	188.45	183.5	10	250
5134	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	205.4	24	207
5135	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.25	211.15	24.8	222
5136	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		222
5137	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		222
5138	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		224
5139	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		207
5140	C ₆ H ₈ N ₂	<i>o</i> -Phenylenediamine	258.6	Nonazeotrope		231
5141	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		207
5142	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		207
5143	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
5144	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		207

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₃H₇NO	Propionamide (continued)	222.2				
5145	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3		Nonazeotrope		255
5146	C ₈ H ₁₁ ClO ₂	Butyl chloroacetate	181.9		Nonazeotrope		255
5147	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	<203.0	>11		255
5148	C ₆ H ₁₂ O	Cyclohexanol	160.7		Nonazeotrope		207
5149	C ₆ H ₁₂ O ₂	Caproic acid	205.15		Nonazeotrope		255
5150	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8		Nonazeotrope		206
5151	C ₆ H ₁₂ O ₂	Propyl lactate	171.7		Nonazeotrope		255
5152	C ₆ H ₁₂ Br	1-Bromohexane	156.5		Nonazeotrope		255
5153	C ₆ H ₁₄ O	Hexyl alcohol	157.85		Nonazeotrope		207
5154	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15		Nonazeotrope		207
5155	C ₆ H ₁₄ O ₂	Pinacol	174.35		Nonazeotrope		255
5156	C ₆ H ₁₄ S	Propyl sulfide	141.5		Nonazeotrope		246
5157	C ₇ H ₇ Cl ₃	α, α, α -Trichlorotoluene	220.9		Reacts		215
5158	C ₇ H ₆ O	Benzaldehyde	179.2		Nonazeotrope		255
5159	C ₇ H ₆ O ₂	Benzoic acid	250.5		Nonazeotrope		222
5160	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	178.2	....		207
5161	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	180.4	....		207
5162	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	181.0	10		242
5163	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	208.0	27		242
5164	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2		Nonazeotrope		207
5165	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	194.0	10		255
5166	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	<196.5	~12		255
5167	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	201.5	20		243
5168	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	214.5	44		234
5169	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	210.2	30		207
5170	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	217.5	50		207
5171	C ₇ H ₈	Toluene	110.75		Nonazeotrope		207
5172	C ₇ H ₈ O	Benzyl alcohol	205.1		Nonazeotrope		207
5173	C ₇ H ₈ O	<i>m</i> -Cresol	202.2		Nonazeotrope		222
5174	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope		224
5175	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope		224
5176	C ₇ H ₈ O ₂	Guaiacol	205.05		Nonazeotrope		207
5177	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	244		Nonazeotrope		215
5178	C ₇ H ₉ N	Methylaniline	196.25		Nonazeotrope		231
5179	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1		Nonazeotrope		207
5180	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	200.25	2.5		207
5181	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55		Nonazeotrope		231
5182	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75		Nonazeotrope		255
5183	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15		Nonazeotrope		255
5184	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]- ethanol	245.25		Nonazeotrope		255
5185	C ₈ H ₈ O	Acetophenone	202.0	200.35	15		232
5186	C ₈ H ₈ O ₂	Methyl benzoate	199.4	196.95	....		251
5187	C ₈ H ₈ O ₂	Phenyl acetate	195.7		Nonazeotrope		215
5188	C ₈ H ₈ O ₂	Methyl salicylate	222.35	210.55	34		210
5189	C ₈ H ₁₀	<i>m</i> -Xylene	139.2		Nonazeotrope		207
5190	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.5	....		211
5191	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	144.0	2		255
5192	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	217.8	31		209
5193	C ₈ H ₁₀ O	Phenetole	170.5		Nonazeotrope		215
5194	C ₈ H ₁₀ O	3,4-Xylenol	226.8	221.1	96		244
			226.8		Nonazeotrope		255
5195	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5		Nonazeotrope		255
5196	C ₈ H ₁₁ N	Dimethylaniline	194.15	190.5	15.5		231
5197	C ₈ H ₁₁ N	2,4-Xylidine	214.0	<212.0	<27		231
5198	C ₈ H ₁₁ N	3,4-Xylidine	225.5	217.2	28		255
5199	C ₈ H ₁₁ N	Ethylaniline	205.5	<204.0	>12		231
5200	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	<222.0	....		231
5201	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	<211.0	....		242
5202	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	214.0	38		250
5203	C ₈ H ₁₄ O	Methyl heptenone	173.2		Nonazeotrope		232
5204	C ₈ H ₁₆ O	2-Octanone	172.85		Nonazeotrope		232
5205	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope		207
5206	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7		Nonazeotrope		207
5207	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9		Nonazeotrope		207
5208	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7		Nonazeotrope		207

No.	Formula	B-Component	Aseotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C_2H_7NO	Propionamide (<i>continued</i>)	222.2			
5209	$C_8H_{18}O$	Octyl alcohol	195.2	Nonaseotrope		307
5210	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	179.0	Nonaseotrope		307
5211	C_8H_7N	Quinoline	237.3	Nonaseotrope		333
5212	C_9H_8	Indene	182.6	179.5	12	343
5213	C_9H_8O	Cinnamaldehyde	253.5	Nonaseotrope		355
5214	$C_9H_{10}O$	Cinnamyl alcohol	257.0	Nonaseotrope		355
5215	$C_9H_{10}O$	<i>p</i> -Methylacetophenone	226.35	214.0	40	333
5216	$C_9H_{10}O$	Propiophenone	217.7	207.0	28	333
5217	$C_9H_{10}O_2$	Benzyl acetate	~214.9	208.8	29	354
5218	$C_9H_{10}O_2$	Ethyl benzoate	212.6	205.0	25	354
5219	$C_9H_{10}O_2$	Methyl α -toluate	215.8	206.5	28	343
5220	$C_9H_{10}O_2$	Ethyl salicylate	233.7	214.0	~50	316
5221	C_9H_{12}	Cumene	152.8	151.8	4	355
5222	C_9H_{12}	Mesitylene	164.6	162.3	10	343
5223	C_9H_{12}	Propyl benzene	159.3	157.7	....	307
5224	$C_9H_{12}O$	Benzyl ethyl ether	185.0	182.5	8	355
5225	$C_9H_{12}O$	3-Phenylpropanol	235.6	Nonaseotrope		307
5226	$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>m</i> -toluidine	208.1	Nonaseotrope		344
5227	$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	182.5	....	331
5228	$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	200.5	Nonaseotrope		344
5229	$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	199.0	20	331
5230	$C_9H_{14}O$	Phorone	197.8	Nonaseotrope		333
5231	$C_9H_{16}O$	2,6-Dimethyl-4-heptanone	168.0	Nonaseotrope		333
5232	$C_9H_{18}O_2$	Isoamyl butyrate	181.05	180.6	3?	355
5233	$C_9H_{18}O_2$	Isoamyl butyrate	178.5	Nonaseotrope		316
5234	$C_9H_{18}O_2$	Isoamyl isobutyrate	169.8	Nonaseotrope		344
5235	$C_9H_{18}O_2$	Isobutyl isovalerate	171.2	Nonaseotrope		307
5236	$C_9H_{18}O_3$	Isobutyl carbonate	190.3	<186.5	>8	355
5237	$C_{10}H_7Br$	1-Bromonaphthalene	281.2	222.0?	95?	355
5238	$C_{10}H_7Br$	1-Bromonaphthalene	281.8	Nonaseotrope		344
5239	$C_{10}H_7Cl$	1-Chloronaphthalene	262.7	218.6	39	307
5240	$C_{10}H_8$	Naphthalene	218.05	204.65	31.5	307
5241	$C_{10}H_9N$	1-Naphthylamine	300.8	Nonaseotrope		331
5242	$C_{10}H_9N$	Quinaldine	246.5	Nonaseotrope		355
5243	$C_{10}H_{10}O_2$	Isosafrol	252.1	~218.5	....	316
5244	$C_{10}H_{10}O_2$	Methyl cinnamate	261.95	Nonaseotrope		307
5245	$C_{10}H_{10}O_2$	Safrol	235.9	~213.2	35	316
5246	$C_{10}H_{10}O_4$	Methyl phthalate	233.2	Nonaseotrope		307
5247	$C_{10}H_{12}O$	Anethole	235.7	212.0	39	343
5248	$C_{10}H_{12}O_2$	Ethyl α -toluate	248.1	220.0	60	343
5249	$C_{10}H_{12}O_2$	Eugenol	255.0	Nonaseotrope		307
5250	$C_{10}H_{12}O_2$	Propyl benzoate	230.85	213.0	45	344
5251	$C_{10}H_{14}$	Cymene	176.7	172.8	15	343
5252	$C_{10}H_{14}O$	Carvacrol	237.85	Nonaseotrope		355
5253	$C_{10}H_{14}O$	Carvone	231.0	214.5	48	333
5254	$C_{10}H_{16}O$	Thymol	232.8	Nonaseotrope		316
5255	$C_{10}H_{16}O_2$	<i>m</i> -Diethoxybenzene	235.4	<213.5	....	355
5256	$C_{10}H_{16}N$	Diethylaniline	217.05	203.15	28	331
5257	$C_{10}H_{16}$	Camphene	159.6	156.5	13	307
5258	$C_{10}H_{16}$	Dipentene	177.7	171.8	15	307
5259	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	172	20	353
5260	$C_{10}H_{16}$	Nopinene	163.8	161.0	10	343
5261	$C_{10}H_{16}$	α -Pinene	155.8	154.0	5	355
5262	$C_{10}H_{16}$	α -Terpinene	173.4	169.8	13	343
5263	$C_{10}H_{16}O$	Camphor	209.1	203.5	17	333
5264	$C_{10}H_{16}O$	Pulegone	223.8	212.0	38	333
5265	$C_{10}H_{16}O$	Borneol	213.4	209.2	22	307
5266	$C_{10}H_{16}O$	Cineol	176.35	173.8	8	307
5267	$C_{10}H_{16}O$	Citronellal	208.0	203? (reacts)		355
5268	$C_{10}H_{16}O$	Geraniol	229.6	217.0	54	307
5269	$C_{10}H_{16}O$	Linalool	198.6	Nonaseotrope		307
5270	$C_{10}H_{16}O$	α -Terpineol	217.8	209.6	25	307
5271	$C_{10}H_{16}O$	Citronellol	224.5	~211.5	~40	316
5272	$C_{10}H_{16}O$	Menthol	216.4	208.5	25	344
5273	$C_{10}H_{16}O_2$	Ethyl caprylate	208.35	200.2	22	343
5274	$C_{10}H_{16}O_2$	Methyl pelargonate	213.8	204.0	18	307

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₃H₇NO	Propionamide (continued)	222.2			
5275	C ₁₅ H ₂₅ O ₂	Isoamyl isovalerate	192.7	188.45	12.2	221
5276	C ₁₅ H ₂₅ O	Amyl ether	187.5	181.0	12	242
5277	C ₁₅ H ₂₅ O	Decyl alcohol	~232.9	215.9	70	211
5278	C ₁₅ H ₂₅ O	Isoamyl ether	173.2	170.5	7	255
5279	C ₁₅ H ₂₅ S	Isoamyl sulfide	214.8	204.0	20	242
5280	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	213.8	52	207
5281	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	213.0	50	207
5282	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		207
5283	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2	220.0	60	254
5284	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	218.0	64	242
5285	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		215
5286	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	215.5	60	207
5287	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.4	187.5	13	242
5288	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	203.5	27	242
5289	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	211.0	40	255
5290	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	208.5	35	244
5291	C ₁₂ H ₁₀	Acenaphthene	277.9	220.8	75	207
5292	C ₁₂ H ₁₀	Biphenyl	256.1	216.0	55	255
5293	C ₁₂ H ₁₀ O	Phenyl ether	259.3	219.0	~62	254
5294	C ₁₂ H ₁₄ O ₂	Isoamyl benzoate	262.05	219	67	207
5295	C ₁₂ H ₁₄ O ₂	Isoamyl salicylate	227.5	Nonazeotrope		255
5296	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	209.5	38	250
5297	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	196.0	20	242
5298	C ₁₂ H ₁₀	Fluorene	295	221.5	90	255
5299	C ₁₂ H ₁₂	Diphenylmethane	265.6	218.2	60	207
5300	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		255
5301	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	221.0	80	255
5302	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		255
A =	C₂H₇NO₂	Ethyl Carbamate	185.25			
5303	C ₃ H ₈ O ₂	1,2-Propanediol	187.8	<183.5	....	255
5304	C ₄ H ₈ O ₄	Methyl oxalate	164.45	Nonazeotrope		207
5305	C ₄ H ₇ Cl ₃ O	Ethyl 1,1,2-trichloroethyl ether	173	169.5	....	255
5306	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	171.5	25	242
5307	C ₄ H ₈ I	1-Iodobutane	130.4	Nonazeotrope		244
5308	C ₄ H ₈ I	1-Iodo-2-methylpropane	120.8	Nonazeotrope		244
5309	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
5310	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		255
5311	C ₅ H ₈ O ₄	Methyl malonate	181.4	<178.65	<35	255
5312	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		232
5313	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	Nonazeotrope		244
5314	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	146.5	2	244
5315	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	149.1	7	240
5316	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
5317	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		207
5318	C ₅ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		207
5319	C ₆ H ₄ Br ₂	p-Dibromobenzene	220.25	183.6	64	242
5320	C ₆ H ₄ Cl ₂	o-Dichlorobenzene	179.5	170.0	27	244
5321	C ₆ H ₄ Cl ₂	p-Dichlorobenzene	174.35	167.0	24.2	255
5322	C ₆ H ₅ Br	Bromobenzene	156.1	153.95	9.8	244
5323	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		207
5324	C ₆ H ₅ I	Iodobenzene	188.45	174.5	33	244
5325	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	184.95	88	254
5326	C ₆ H ₅ NO ₂	o-Nitrophenol	217.2	Nonazeotrope		255
5327	C ₆ H ₆ O	Phenol	182.2	190.75	53.5	244
5328	C ₆ H ₈ O ₄	Methyl fumarate	193.25	184.2	79	207
5329	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		207
5330	C ₆ H ₁₀ O	Cyclohexanone	155.75	Nonazeotrope		244
5331	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
5332	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	181.0	38	244
5333	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	184.3	80	207
5334	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		242
5335	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		207
5336	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		232
5337	C ₆ H ₁₂ Br	1-Bromohexane	156.5	154.0	10	244
5338	C ₆ H ₁₂ ClO ₂	Chloroacetal	157.4	156.8	10	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C ₂ H ₇ NO ₂	Ethyl Carbamate (<i>continued</i>)	185.25			
5339	C ₆ H ₁₄ O	<i>n</i> -Hexanol	157.85	Nonazeotrope		207
5340	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		207
5341	C ₆ H ₁₄ O ₂	Pinacol	174.35	173.5	....	255
5342	C ₆ H ₁₄ O ₂	2-(2-Ethoxyethoxy)ethanol	201.9	Nonazeotrope		255
5343	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		248
5344	C ₇ H ₅ N	Benzonitrile	191.1	182.1	57	250
5345	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	171.9	30.5	207
5346	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	170.5	28	207
5347	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	172.3	32	207
5348	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	156.4	13	244
5349	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	158.7	15	244
5350	C ₇ H ₇ ClO	<i>m</i> -Chloroanisole	193.3	179.5	20	242
5351	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	180.0	18	242
5352	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	183.2	58	244
5353	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		254
5354	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		254
5355	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		254
5356	C ₇ H ₈	Toluene	110.75	Nonazeotrope		207
5357	C ₇ H ₈ O	Anisole	153.85	153.5	5	244
5358	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		207
5359	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	202.6	8	244
5360	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	193.45	30	244
5361	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	202.2	10	244
5362	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	185.15	95	244
5363	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		207
5364	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		207
5365	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
5366	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	175.1	28.5	244
5367	C ₈ H ₈	Styrene	145.8	Nonazeotrope		207
5368	C ₈ H ₈ O	Acetophenone	202.0	184.85	86	232
5369	C ₈ H ₈ O ₂	Benzyl formate	203.0	182.5	62	244
5370	C ₈ H ₈ O ₂	Methyl benzoate	199.4	183.8	67	244
5371	C ₈ H ₈ O ₂	Phenyl acetate	195.7	180.0	52	244
5372	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		207
5373	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
5374	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	163.5	18	207
5375	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		255
5376	C ₈ H ₁₀ O	<i>m</i> -Methylanisole	177.2	171.5	26	244
5377	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	171.3	25	244
5378	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		255
5379	C ₈ H ₁₀ O	Phenetole	170.45	166.2	22	244
5380	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		255
5381	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		244
5382	C ₈ H ₁₀ O ₂	Veratrole	206.8	182.0	67	244
5383	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		207
5384	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		207
5385	C ₈ H ₁₄ O	Methylheptenone	173.2	171.5	30	232
5386	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Nonazeotrope		207
5387	C ₈ H ₁₆ O	2-Octanone	172.85	171.5	28	232
5388	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.8	15	244
5389	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	165.0	16	244
5390	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	<159.5	>7	207
5391	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	<156.3	>6.5	255
5392	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		207
5393	C ₈ H ₁₆ O	Butyl ether	142.4	<141.5	<5	242
5394	C ₈ H ₁₆ O	Octyl alcohol	195.2	183.5	72.5	244
5395	C ₈ H ₁₆ O	<i>sec</i> -Octyl alcohol	180.4	177.0	37	244
5396	C ₈ H ₁₆ S	Butyl sulfide	185.0	<175.5	<44	246
5397	C ₈ H ₁₆ S	Isobutyl sulfide	172	166.5	23	235
5398	C ₉ H ₈	Indene	182.6	172.65	35	207
5399	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
5400	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
5401	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		207
5402	C ₉ H ₁₂	Cumene	152.8	151.5	6	255
5403	C ₉ H ₁₂	Meesitylene	164.6	159.0	22	244
5404	C ₉ H ₁₂	Propylbenzene	159.3	157.0	15	207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₂H₇NO₂	Ethyl Carbamate (continued)	185.25			
5405	C ₉ H ₁₂	Pseudocumene	168.2	161.4	25	244
5406	C ₉ H ₁₂ O	Benzyl ethyl ether	185.2	175.0	34	244
5407	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	176.2	45	248
5408	C ₉ H ₁₄ O	Phorone	197.8	<184.5	<82	232
5409	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	171.3	28	207
5410	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	<178.0	<48	248
5411	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	173.7	33	244
5412	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	166.5	21	248
5413	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.65	20	250
5414	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	178.5	48	244
5415	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	176.5	42	244
5416	C ₁₀ H ₈	Naphthalene	218.0	184.05	77	244
5417	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	Nonazeotrope		207
5418	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		207
5419	C ₁₀ H ₁₄	Butylbenzene	183.1	172.0	37	207
5420	C ₁₀ H ₁₄	Cymene	176.7	169.0	31	244
5421	C ₁₀ H ₁₆	Camphene	159.6	157.0	15	244
5422	C ₁₀ H ₁₆	Limonene	177.6	168.0	32	244
5423	C ₁₀ H ₁₆	α-Terpinene	173.5	166.0	28	244
5424	C ₁₀ H ₁₆	γ-Terpinene	183.0	171.5	38	244
5425	C ₁₀ H ₁₆ O	Camphor	209.1	184.85	84	232
5426	C ₁₀ H ₁₆ O	Fenchone	193.6	<182.0	<75	232
5427	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		207
5428	C ₁₀ H ₁₈ O	Cineol	176.35	168.4	28	244
5429	C ₁₀ H ₁₈ O	Linalool	198.6	<185.0	....	255
5430	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		207
5431	C ₁₀ H ₁₈ O	β-Terpineol	210.5	Nonazeotrope		255
5432	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		207
5433	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	<184.0	72	207
5434	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	177.75	46	244
5435	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	184.3	85	255
5436	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<157.5	<19	207
5437	C ₁₀ H ₂₂ O	Amyl ether	187.4	171.0	37	244
5438	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	163.15	27	244
5439	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		207
5440	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
5441	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	177.0	45	244
5442	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	184.9	96	255
5443	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		207
5444	C ₁₁ H ₂₂ O ₂	Bornyl acetate	227.6	Nonazeotrope		207
5445	C ₁₁ H ₂₂ O	Ethyl isobornyl ether	203.8	181.2	82	248
A =	C₃H₇NO₂	Isopropyl Nitrite	40.1			
5446	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		230
5447	C ₃ H ₇ NO ₂	Propyl nitrate	47.75	Nonazeotrope		240
5448	C ₃ H ₈ O ₂	Methylal	42.3	39.75	80	230
5449	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		230
5450	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		230
5451	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		217
5452	C ₄ H ₁₀ O	Methyl propyl ether	38.85	<37.5	33	230
5453	C ₅ H ₈	Isoprene	34.3	33.5	28	230
5454	C ₅ H ₁₀	Cyclopentane	49.3	<39.9	<92	230
5455	C ₅ H ₁₀	2-Methyl-2-butene	37.1	35.5	38	230
5456	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		230
5457	C ₅ H ₁₂	2-Methylbutane	27.95	27.65	7.5	207
5457	C ₅ H ₁₂	Pentane	36.15	34.5	35	230
5458	C ₆ H ₁₀	Biallyl	60.1	Nonazeotrope		230
5460	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		230
5461	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		230
A =	C₃H₇NO₂	1-Nitropropane	131			
5462	C ₆ H ₅ Cl	Chlorobenzene, 75° C. 120° C.	120.8 545.2	129.8 597.6	44.0, V-l. 44.0, V-l.	197 197
5463	C ₈ H ₈	Phenylacetylene	....	Azeotropic		100
5464	C ₈ H ₈	Styrene	145	Azeotropic		100
5465	C ₈ H ₈	Styrene	68/60 mm.	Nonazeotrope		26

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₇NO₂	1-Nitropropane (continued)	131			
5466	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	56.4	61	86
			136	127.5	59	86
A =	C₃H₇NO₂	2-Nitropropane	120			
5467	C ₇ H ₈	Toluene	110.8	110	....	74
5468	C _n H _{2n+2}	Paraffins	107-110	96-108	....	74
A =	C₃H₇NO₂	Propyl Nitrite	47.75			
5469	C ₃ H ₈ O	Propyl alcohol	97.25	Nonazeotrope		819
5470	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		830
5471	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	47.5	>79	830
5472	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		830
5473	C ₅ H ₁₀	Cyclopentane	49.3	45.5	54	830
5474	C ₄ H ₁₀	2-Methylbutane	27.95	Nonazeotrope		830
5475	C ₅ H ₁₂	Pentane	36.15	35.8	9	830
5476	C ₃ H ₁₀ O	Ethyl propyl ether	63.85	Nonazeotrope		830
5477	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		830
5478	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		830
A =	C₃H₇NO₂	Propyl Nitrate	110.5			
5479	C ₃ H ₈ O	Isopropyl alcohol	82.42	<81.5	....	840
5480	C ₃ H ₈ O	Propyl alcohol	97.2	93.7	30	840
5481	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	108.0	80	840
5482	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		837
5483	C ₄ H ₈ S	Tetrahydrothiophene	118.8	109.0	73	840
5484	C ₄ H ₉ Br	1-Bromobutane	101.5	<101.0	....	840
5485	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		837
5486	C ₄ H ₉ I	2-Iodobutane	120.0	<109.5	<85	840
5487	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	<109.5	<89	840
5488	C ₄ H ₁₀ O	Butyl alcohol	117.8	106.5	68	840
5489	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	<103.5	>47	840
5490	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		838
5491	C ₃ H ₁₀ O	tert-Amyl alcohol	102.35	<100.1	<23	840
5492	C ₃ H ₁₀ O	Isoamyl alcohol	131.9	<110.0	....	840
5493	C ₃ H ₁₀ O	2-Pentanol	119.8	<108.0	<90	840
5494	C ₆ H ₆	Benzene	80.15	Nonazeotrope		840
5495	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	109.7	....	843
5496	C ₆ H ₁₄ O ₂	Acetal	108.55	Nonazeotrope		840
5497	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	<110.0	....	837
5498	C ₇ H ₈	Toluene	110.75	<109.0	>47	840
5499	C ₇ H ₁₄	Methylcyclohexane	101.15	97.0	25	840
5500	C ₇ H ₁₆	Heptane	98.4	95.0	25	840
5501	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	101.2	45	840
A =	C₃H₈O	Isopropyl Alcohol	82.45			
5502	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		836
5503	C ₄ H ₈ S	Thiophene	84.7	<76.0	<43	846
5504	C ₄ H ₈ O ₂	Biacetyl	88	77.3	~60	864
5505	C ₄ H ₈ O ₂	Biacetyl	87.5	<79	<60	838
5506	C ₄ H ₈ O ₂	Methyl acrylate	80	76.0	46.5	819*, 830
5507	C ₄ H ₇ N	Isobutyronitrile	103.85	Nonazeotrope		855
5508	C ₄ H ₈ O	2-Butanone	79.6	77.9	32	10*, 807
5509	C ₄ H ₈ OS	Ethyl thioacetate	116.6	Nonazeotrope		855
5510	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		807
5511	C ₄ H ₈ O ₂	Ethyl acetate	77.1	74	26	858*, 834
5512	C ₄ H ₈ O ₂	Methyl propionate	79.8	76.35	38	858
5513	C ₄ H ₈ O ₂	Propyl formate	80.8	75.85	~36	858
5514	C ₄ H ₈ S	Tetrahydrothiophene	118.8	Nonazeotrope		846
5515	C ₄ H ₉ Br	2-Bromobutane	91.2	77.5	34	847
5516	C ₄ H ₉ Br	1-Bromo-2-methylpropane	90.95	77.5	33	855
5517	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	67	<20	845
5518	C ₄ H ₉ Cl	1-Chlorobutane	78.05	70.8	23	853
5519	C ₄ H ₉ Cl	2-Chlorobutane	68.25	64.0	18	847
5520	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	64.8	17	853
5521	C ₄ H ₉ I	1-Iodobutane	130.4	Nonazeotrope		855
5522	C ₄ H ₉ I	1-Iodo-2-methylpropane	120	81-82	70	819*, 834
5523	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	Nonazeotrope		829
5524	C ₄ H ₁₀ S	Ethyl sulfide	92.2	78.0	~52	811

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C ₃ H ₈ O	Isopropyl Alcohol (<i>continued</i>)	82.45			
5525	C ₅ H ₁₀	Cyclopentane	49.4	<47.3	....	247
5526	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243
5527	C ₅ H ₁₀	3-Methyl-1-butene	22.5	Nonazeotrope		220
5528	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
5529	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		232
5530	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		255
5531	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		212
5532	C ₅ H ₁₀ O ₂	Isopropyl acetate	91	80.1	52.3	75, 216*
5533	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		216
5534	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	81.4	65	255
5535	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		217
5536	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
5537	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	82.2	~82	215
5538	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	79.2	43	253
5539	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		217
			27.95	27.8	5	218
5540	C ₅ H ₁₂	Pentane	36.15	35.5	6	218
5541	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	62.0	10	226
5542	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	79.6	52	236
5543	C ₆ H ₆ Cl	Chlorobenzene	132.0	Nonazeotrope		212
5544	C ₆ H ₆ F	Fluorobenzene	85.15	74.5	30	226
5545	C ₆ H ₆	Benzene	80.2	71.92	33.3	334*, 431
5546	C ₆ H ₈	1,3-Cyclohexadiene	80.8	70.4	36	243
5547	C ₆ H ₈	1,4-Cyclohexadiene	85.6	72.3	....	243
5548	C ₆ H ₁₀	Biallyl	60.0	55.8	11	217
5549	C ₆ H ₁₀	Cyclohexene	82.7	70.5	27	217
5550	C ₆ H ₁₂	Cyclohexane	90.75	68.6	33	243
5551	C ₆ H ₁₂	Methylcyclopentane	72.0	63.3	25	243
5552	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
5553	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
5554	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	53.8	9	247
5555	C ₆ H ₁₄	Hexane	68.85	62.7	23	218
5556	C ₆ H ₁₄ O	Isopropyl ether	69.0	66.2	16.3	93
5557	C ₆ H ₁₄ O	Propyl ether	90.55	78.2	52	253
5558	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		236
5559	C ₆ H ₁₄ O ₂	Acetal	103.55	81.3	~63	253
5560	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
5561	C ₇ H ₈	Toluene	110.7	80.6	58	23
			....	20	47.7	320
			....	40	58.8	320
			....	60	67.4	320
			....	78	73.1	320
5562	C ₇ H ₁₀	Methylcyclohexane	100.8	77.6	53	23, 217*
5563	C ₇ H ₁₀	<i>n</i> -Heptane	78.45	76.4	50.5	207
5564	C ₇ H ₁₀ O	Butyl isopropyl ether	108	79	71.91	34
5565	C ₇ H ₈	Styrene	145.8	Nonazeotrope		225
5566	C ₇ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		217
5567	C ₇ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
5568	C ₇ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		217
5569	C ₇ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		221
5570	C ₇ H ₁₀	1,3-Dimethylcyclohexane	120.7	81.0	78	255
5571	C ₇ H ₁₀	<i>trans</i> -1,2-Dimethylcyclohexane	....	....	~79	323
5572	C ₇ H ₁₀	1,1,2-Trimethylcyclopentane	....	....	~67	323
5573	C ₇ H ₁₀	1,1,3-Trimethylcyclopentane	104.9	....	~54	323
5574	C ₇ H ₁₀	<i>cis-cis-trans</i> -1,2,4-Trimethylcyclopentane	....	....	~70	323
5575	C ₇ H ₁₀	2,5-Dimethylhexane	109.2	79.0	62	215
5576	C ₇ H ₁₀	Octane	124.75	81.6	84	255
5577	C ₇ H ₁₂	2,2,4-Trimethylpentane	99.3	76.8	54	255
5578	C ₇ H ₁₂ O	Isobutyl ether	122.1	Nonazeotrope		236
5579	C ₇ H ₈	Indene	182.6	Nonazeotrope		255
5580	C ₇ H ₁₂	Cumene	152.8	Nonazeotrope		255
5581	C ₇ H ₁₂	Mesitylene	164.6	Nonazeotrope		220
5582	C ₇ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
5583	C ₇ H ₁₂	Butylbenzene	183.1	Nonazeotrope		255
5584	C ₇ H ₁₂	Cymene	176.7	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₈O	Isopropyl Alcohol (<i>continued</i>)	82.45			
5585	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		280
5586	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		217
5587	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		217
5588	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
5589	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		217
5590	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	Nonazeotrope		217
A =	C₃H₈O	Propyl Alcohol	97.2			
5591	C ₂ H ₆ O ₂	Methylal	42.3	Nonazeotrope		255
5592	C ₄ H ₆ O	Crotonaldehyde	102.15	<97? . . .		243
5593	C ₄ H ₆ O ₂	Biacetyl	87.5	85.0	25	232
5594	C ₄ H ₆ O ₂	Methyl acrylate	80	70.9	5.4	220
5595	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		255
5596	C ₄ H ₇ N	Butyronitrile	118.5	Azeotrope doubtful		243
5597	C ₄ H ₇ N	Isobutyronitrile	103.85	95	70	247
5598	C ₄ H ₇ N	Pyrroline	90.9	<89.0 . . .		255
5599	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		255
5600	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		10
5601	C ₄ H ₈ OS	Ethyl thioacetate	116.6	Nonazeotrope		255
5602	C ₄ H ₈ O ₂	Dioxane	101.35	95.3	55	207
5603	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		334
5604	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		212
5605	C ₄ H ₈ O ₂	Propyl formate	80.9	80.6	9.8	150
5606	C ₄ H ₈ O ₂	Propyl formate	80.8	80.65	<3	252
5607	C ₄ H ₈ S	Tetrahydrothiophene	118.8	96.5	90	255
5608	C ₄ H ₉ Br	1-Bromobutane	100.3	89.5	29	253
5609	C ₄ H ₉ Br	2-Bromobutane	91.2	85.3	20.5	247
5610	C ₄ H ₉ Br	1-Bromo-2-methylpropane	89.2	86.1	19.25	153, 235*
				B.p. curve		
5611	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	72.2	. . .	243
5612	C ₄ H ₉ Cl	1-Chlorobutane	78.05	74.8	~18	253
5613	C ₄ H ₉ Cl	2-Chlorobutane	68.25	67.2	>9	247
5614	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	67.7	22	252
5615	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	68.25	67.2	>9	255
5616	C ₄ H ₉ I	1-Iodobutane	130.4	96.2	66	247
5617	C ₄ H ₉ I	1-Iodo-2-methylpropane	120	93	45	253*, 334
5618	C ₄ H ₉ I	2-Iodobutane	120.0	94.5	53	255
5619	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		220
5620	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		236
5621	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		334
5622	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		255
5623	C ₄ H ₁₀ S	Butanethiol	97.5	<92.0	<41	255
5624	C ₄ H ₁₀ S	Ethyl sulfide	92.2	85.5	28	255
5625	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233
5626	C ₅ H ₇ N	<i>N</i> -Methylpyrrol	112.8	Nonazeotrope		255
5627	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.3	Nonazeotrope		58
5628	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	93.5	35	232
5629	C ₅ H ₁₀ O	2-Pentanone	102.35	96.0	68	232
5630	C ₅ H ₁₀ O	3-Pentanone	102.05	96.0	63	232
5631	C ₅ H ₁₀ O ₂	Butyl formate	106.8	95.5	64	247
5632	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	93.4	51	243
5633	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	93.2	40	212
5634	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	94.4	47	252
5635	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	89.5	~26	212
5636	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	94.2	40	150, 252*
5637	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.2	94.0	70.7	152, 235*
				B.p. curve		
5638	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	89.4	31	253
5639	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	146.5	Nonazeotrope		152
5640	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		217
5641	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope		255
5642	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		255
5643	C ₅ H ₁₂ O ₂	Diethoxymethane	88.0	86.15	11	229
5644	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		255
5645	C ₆ H ₆ Cl	Chlorobenzene	132.0	96.9	83	253
5646	Δ C ₆ H ₅ F	Fluorobenzene	85.15	80.2	18	225

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₈O	Propyl Alcohol (continued)	97.2			
5647	C ₆ H ₆	Benzene	80.2	77.12	16.9	431, 436*
			....	76-77	16.5	334
			....	0	4.5	312
			....	35.5	12	312
			....	76.5	21	312
		10.5 atm.	....	160	45	312
5648	C ₆ H ₈	1,3-Cyclohexadiene	80.4	75.8	20	217
5649	C ₆ H ₁₀	Cyclohexene	82.75	76.6	21.6	243
5650	C ₆ H ₁₀	Methylcyclopentene	75.85	<71.7	<13	247
5651	C ₆ H ₁₂	Cyclohexane	80.75	74.3	20	243
5652	C ₆ H ₁₂	Methylcyclopentane	72.0	68.5	7	247
5653	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		228
5654	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.0	Nonazeotrope		216
5655	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	96.8	....	216
5656	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	Nonazeotrope		212
5657	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		216
5658	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		255
5659	C ₆ H ₁₂ O ₃	Paraldehyde	123.9	Nonazeotrope		256
5660	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<56.8	<6	247
5661	C ₆ H ₁₄	Hexane	68.95	65.65	4	243
5662	C ₆ H ₁₄ O	Propyl ether	90.7	85.8	32.2	225*, 307
5663	C ₆ H ₁₄ O ₂	Acetal	103.55	92.4	37	252
5664	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		429
5665	C ₇ H ₈	Toluene	110.7	92.6	43	24, 217*, 334*, 436*
			....	0.5	19.5	} 329
			....	25	29.2	
			....	50	38.9	
			....	71.1	45.5	
			....	91.1	50.5	
5666	C ₇ H ₁₄	Methylcyclohexane	100.8	86.3	35	23
5667	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	87.5	36	253
5668	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		131
5669	C ₈ H ₈	Styrene	145.8	97.0	8	225
5670	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	41	68	26
			136	Nonazeotrope		221
5671	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	97.08	94	207
5672	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		225
5673	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	97.0	....	255
5674	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.5	<94	<70	243
5675	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	89.5	47	225
5676	C ₈ H ₁₈	Octane	125.6	93.9	70	217
5677	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	<85.3	<41	255
5678	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		236
5679	C ₈ H ₁₈ O	Isobutyl ether	122.1	96.8	....	256
5680	C ₈ H ₁₈ O ₂	1,1-Dipropoxyethane	147.7	Nonazeotrope		20
5681	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
5682	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
5683	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		217
5684	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		221
5685	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		220
5686	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
5687	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		220
5688	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		217
5689	C ₁₀ H ₁₆	α -Pinene	155.8	97.1	98-99?	243
5690	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
A =	C₃H₈O₂	2-Methoxyethanol	124.5			
5691	C ₄ H ₄ N ₂	Pyrazine	117.2	Nonazeotrope		255
5692	C ₄ H ₆ N	Pyrrol	130.0	Nonazeotrope		207
5693	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.45	Nonazeotrope		255
5694	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		207
5695	C ₄ H ₈ O ₃	Methyl lactate	143.8	Nonazeotrope		255
5696	C ₄ H ₉ I	1-Iodobutane	130.4	115.5	....	206
5697	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	110.5	25	206
5698	C ₄ H ₉ NO ₂	Isobutyl nitrate	123.5	<115.0	<44	240

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₈O₂	2-Methoxyethanol (continued)	124.5			
5699	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		206
5700	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		255
5701	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		255
5702	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		255
5703	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233
5704	C ₅ H ₇ N	1-Methylpyrrol	112.8	Nonazeotrope		255
5705	C ₅ H ₉ N	Isovaleronitrile	130.5	<130.0	....	255
5706	C ₅ H ₉ N	Valeronitrile	141.3	Nonazeotrope		236
5707	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		255
5708	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		236
5709	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	111.5	20	206
5710	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		206
5711	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		206
5712	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		236
5713	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		255
5714	C ₅ H ₁₂ O	tert-Amyl alcohol	102.15	Nonazeotrope		255
5715	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
5716	C ₅ H ₁₂ O	2-Pentanol	119.8	119.7	4	206
5717	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
5718	C ₅ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		363
5719	C ₆ H ₆ Cl	Chlorobenzene	131	119.45	47.5	207
5720	C ₆ H ₆	Benzene	....	Nonazeotrope		236
5721	C ₆ H ₆ O	Phenol	181.2	Nonazeotrope		255
5722	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		255
5723	C ₆ H ₁₀ O	Mesityl oxide	129.45	122.5	59	232
5724	C ₆ H ₁₀ S	Allyl sulfide	139	122.5	75	235
5725	C ₆ H ₁₂	Cyclohexane	80.75	<79.8	8	255
5726	C ₆ H ₁₂ O	2-Hexanone	127.2	<121.5	<56	232
5727	C ₆ H ₁₂ O	3-Hexanone	123.3	<119.5	<43	232
5728	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	114.2	25	207
5729	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	119.45	48	236
5730	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	117.8	32	236
5731	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		206
5732	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	119.25	40	236
5733	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	115.5	16	236
5734	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	115.0	15	206
5735	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	118.5	38	206
5736	C ₆ H ₁₂ O ₃	2-Ethoxy ethyl acetate	156.8	Nonazeotrope		236
5737	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	118.6	35	236
5738	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		236
5739	C ₇ H ₈	Toluene	110.75	106.1	25.5	207
5740	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		236
5741	C ₇ H ₁₄	Methylcyclohexane	101.15	94.2	25	236
5742	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		206
5743	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		206
5744	C ₇ H ₁₆	Heptane	98.4	92.5	23	207
5745	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	Nonazeotrope		255
5746	C ₈ H ₈	Styrene	145.8	121.0	62	247
5747	C ₈ H ₁₀	Ethylbenzene	136	117	51.2	30
		62 mm.	....	51	39	30
		60 mm.	60.5	51	43	26, 236*
5748	C ₈ H ₁₀	m-Xylene	139.2	119.5	58	207
5849	C ₈ H ₁₀	o-Xylene	144.3	121.0	63	206
5750	C ₈ H ₁₀	m,p-Xylene	139	120	....	201
5751	C ₈ H ₁₀	Xylenes	140	Min. b.p.		30
5752	C ₈ H ₁₆	1,1,3-Trimethylcyclopentane	104.9	....	~20	333
5753	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		206
5754	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	100.0	33	236
5755	C ₈ H ₁₈	2,4-Dimethylhexane	109.4	....	~25	333
5756	C ₈ H ₁₈	2,2,3-Trimethylpentane	109.8	....	~24	333
5757	C ₈ H ₁₈	Octane	125.75	110.0	48	236
5758	C ₈ H ₁₈ O	Butyl ether	142.4	122.0	68	206
5759	C ₈ H ₁₈ O	Isobutyl ether	122.3	115.0	48	236
5760	C ₉ H ₁₂	Cumene	152.8	122.4	73.5	207
5761	C ₉ H ₁₂	Mesitylene	164.6	<124.3	....	255

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₃H₈O₂	2-Methoxyethanol (<i>continued</i>)	124.5			
5762	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		206
5763	C ₉ H ₁₂	Propylbenzene	159.3	<124.0	>82	255
5764	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		236
5765	C ₉ H ₂₀	2,2,3,4-Tetramethylpentane	....	....	~42	383
5766	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
5767	C ₁₀ H ₁₆	Camphene	159.6	121.0	70	206
5768	C ₁₀ H ₁₆	Nopinene	163.8	121.8	5	247
5769	C ₁₀ H ₁₆	α -Pinene	155.8	120.2	66	206
5770	C ₁₀ H ₂₂	Decane	173.3	<123.5	<92	255
5771	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	121.0	70	206
A =	C₃H₈O₂	Methylal	42.3			
5772	C ₃ H ₈ S	Propanethiol	67.3	Nonazeotrope		255
5773	C ₃ H ₉ N	Propylamine	49.7	Nonazeotrope		231
5774	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		239
5775	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		241
5776	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		231
5777	C ₅ H ₈	3-Methyl-1,2-pentadiene	40.8	38.0	45	238
5778	C ₅ H ₈	Isoprene	34.3	32.8	30	238
5779	C ₅ H ₁₀	Cyclopentane	49.3	40.0	62	238
5780	C ₅ H ₁₀	3-Methyl-1-butene	21.5	Nonazeotrope		238
5781	C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.2	32	238
5782	C ₅ H ₁₀	1-Pentene	30.1	29.8	26 vol.	336
5783	C ₅ H ₁₀	2-Pentene	36.5	34.9	29 vol.	336
5784	C ₅ H ₁₂	2-Methylbutane	27.9	24.1	30 vol.	336
			27.95	27.0	23	238
5785	C ₅ H ₁₂	Pentane	36.08	31.5	28 vol.	336
			36.15	33.6	35	238
5786	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
5787	C ₆ H ₁₀	Biallyl	60.1	41.8	85	238
5788	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	41.5	80	238
5789	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		238
A =	C₃H₈O₂	1,2-Propanediol	187.8			
5790	C ₄ H ₆ N	Pyrrol	130.0	Nonazeotrope		255
5791	C ₄ H ₆ NS	Allyl isothiocyanate	152.05	<151.5	....	255
5792	C ₄ H ₈ Br ₂ O	Bis(2-bromoethyl) ether	....	176-180	....	93
5793	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	Nonazeotrope		255
5794	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.2	<186.0	>62	255
5795	C ₆ H ₇ N	Aniline	184.35	179.5	43	231
5796	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
5797	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Azeotrope doubtful		243
5798	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	242.2	~7	255
5799	C ₇ H ₉ N	Methylaniline	196.25	<181.0	>46	231
5800	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	<170	....	255
5801	C ₈ H ₈ O	Acetophenone	202.0	<183.5	....	232
5802	C ₈ H ₁₁ N	Dimethylaniline	194.05	<177.0	>45	231
5803	C ₈ H ₁₆ O	2-Octanone	172.85	<169.5	....	232
5804	C ₉ H ₈	Indene	182.4	Min. b.p.		117
5805	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	<174.0	37	231
5806	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	178.0	60	255
5807	C ₁₀ H ₁₆ O	Camphor	209.1	<185.0	....	232
5808	C ₁₀ H ₁₈ O	Menthone	209.5	<185.0	<85	232
5809	C ₁₂ H ₂₆	Dodecane, 743 mm.	216	175	....	177
		200 mm.	....	137	....	177
		150 mm.	....	130	....	177
		100 mm.	145	120.5	60	177
		50 mm.	....	105.7	....	177
5810	C ₁₄ H ₃₀	Tetradecane, 748 mm.	252.5	179	70	177
		200 mm.	....	142.5	....	177
		150 mm.	....	135	....	177
		100 mm.	....	126	....	177
		50 mm.	....	111	....	177

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₈O₃	Glycerol	290.5			
5811	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	Nonazeotrope		206
5812	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	217.1	10	254
5813	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	232.2	10	234
5814	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	242.1	15?	234
5815	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	235.6	13	234
5816	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		210
5817	C ₆ H ₆ O ₂	Pyrocatechol	232.9	Nonazeotrope		222
5818	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		222
5819	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		255
5820	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		255
5821	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		255
5822	C ₆ H ₁₄ O ₄	Triethylene glycol	288.7	285.1	37	207
5823	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	228.8	13	234
5224	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	220.7	8	234
5825	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	235.6	17	234
5826	C ₇ H ₈	Toluene	110.75	Nonazeotrope		217
5827	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		222
5828	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		224
5829	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		236
5830	C ₈ H ₈	Styrene	145.8	Nonazeotrope		220
5831	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		217
5832	C ₈ H ₈ O ₂	Methyl benzoate	199.45	Nonazeotrope		217
5833	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		255
5834	C ₈ H ₈ O ₃	Methyl salicylate	222.35	221.4	7.5	217
5835	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		207
5836	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		217
5837	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		229
5838	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
5839	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	212.5	7	256
5840	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		255
5841	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		255
5842	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
5843	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
5844	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope		255
5845	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		233
5846	C ₉ H ₈	Indene	182.6	182.4	2	255
5847	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
5848	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		216
5849	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		216
5850	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.7	230.5	10.3	217
5851	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		217
5852	C ₉ H ₁₂	Propylbenzene	158.8	Nonazeotrope		220
5853	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		229
5854	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	190.0	<8	255
5855	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		255
5856	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.0	272.5	...	255
5857	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	256.0	17	255
5858	C ₁₀ H ₈	Naphthalene	218.05	215.2	10	210
5859	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	243.8	~16	218
5860	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Reacts		215
5861	C ₁₀ H ₁₀ O ₂	Safrol	235.9	231.3	14.5	210
5862	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	271.5	31	247
5863	C ₁₀ H ₁₂ O [‡]	Anethol	235.7	230.8	14	236
5864	C ₁₀ H ₁₂ O	Estragol	215.6	213.5	7.5	225
5865	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	228.6	7	210
5866	C ₁₀ H ₁₂ O ₂	Eugenol	254.5	251.3	14	236
5867	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	263.5	25	255
5868	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	228.8	8	216
5869	C ₁₀ H ₁₄	Butylbenzene	183.1	<182.9	...	255
5870	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
5871	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
5872	C ₁₀ H ₁₄ O	Carvone	231.0	230.85	3	232
5873	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		210
5874	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	231.0	13	256
5875	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		217
5876	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.7	~1	217

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₃H₈O₃	Glycerol (<i>continued</i>)	290.5				
5877	C ₁₀ H ₁₆	α -Pinene	159.6	Nonazeotrope			217
5878	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope			255
5879	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope			255
5880	C ₁₀ H ₁₆	Terpinolene	184.6	184.2	....		255
5881	C ₁₀ H ₁₆	Thymene	179.7	179.6	1		221
5882	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope			255
5883	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope			255
5884	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope			255
5885	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope			255
5886	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope			255
5887	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope			255
5888	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope			255
5889	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	237.25	~18		217
5890	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	233.7	16.5		250
5891	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Reacts			216
5892	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	248.3	18		218
5893	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	243	17		216
5894	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	258.4	25		254
5895	C ₁₁ H ₁₄ O ₂	Ethyl β -phenyl propionate	248.1	242.0	15		247
5896	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	~237.4	14		216
5897	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<192.0	7.5		255
5898	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	214.0	8		225
5899	C ₁₂ H ₁₀	Acenaphthene	277.9	259.1	29		223
5900	C ₁₂ H ₁₀	Biphenyl	254.9	246.1	25		244
5901	C ₁₂ H ₁₀ O	Phenyl ether	259.3	247.9	22		210
5902	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	251.6	22		216
5903	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	279	267	....		225
5904	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.9	8		218
5905	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	226.0	10		210
5906	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	203.5	~5		255
5907	C ₁₃ H ₁₀ O ₂	Phenyl benzoate	315	279	~55		216
5908	C ₁₃ H ₁₂	Diphenylmethane	265.6	250.8	27		210
5909	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	264.5	30		247
5910	C ₁₄ H ₁₂ O ₂	Benzyl benzoate	324	282.5	....		216
5911	C ₁₄ H ₁₄	1,2-Diphenylethane	284	261.3	32		217
5912	C ₁₄ H ₁₄ O	Benzyl ether	297.0	269.5	36		247
A =	C₃H₈S	1-Propanethiol	67.3				
5913	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope			255
5914	C ₄ H ₈ O	2-Butanone	79.6	~55.5	~75		243
5915	C ₆ H ₈	3-Methyl-1,2-butadiene	40.8	Reacts			243
5916	C ₆ H ₁₀	Cyclopentane	49.4	Nonazeotrope			246
5917	C ₆ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope			243
5918	C ₆ H ₁₂	Pentane	36.07	Nonazeotrope			91
5919	C ₆ H ₁₂ O	Ethyl propyl ether	63.85	<63.5	>9		255
5920	C ₆ H ₆	Benzene	80.103	Nonazeotrope			91
5921	C ₆ H ₁₀	Biallyl	60.2	Reacts			255
5922	C ₆ H ₁₂	Cyclohexane	80.738	67.77	97.6		91
5923	C ₆ H ₁₂	Methylcyclopentane	71.812	66.45	64.2, V-l.		91
5924	C ₆ H ₁₄	2,2-Dimethylbutane	49.743	Nonazeotrope			91
5925	C ₆ H ₁₄	2,3-Dimethylbutane	57.990	57.54	16.3		91
5926	C ₆ H ₁₄	Hexane	68.742	64.35	52.6, V-l.	91, 246*	
5927	C ₆ H ₁₄	2-Methylpentane	60.274	59.20	23.9, V-l.		91
5928	C ₆ H ₁₄	3-Methylpentane	63.284	61.26	34.2		91
5929	C ₆ H ₁₄ O	Isopropyl ether	68.3	66.0	65		242
5930	C ₇ H ₁₆	2,2-Dimethylpentane	79.205	67.20	81.3		91
5931	C ₇ H ₁₆	2,4-Dimethylpentane	80.51	67.48	85.1		91
5932	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.871	67.57	87.4		91
A =	C₃H₈S	2-Propanethiol	52.60				
5933	C ₆ H ₁₀	Cyclopentane	49.263	47.75	35.3		91
5934	C ₆ H ₁₂	Pentane	34.074	Nonazeotrope			91
5935	C ₆ H ₁₄	2,2-Dimethylbutane	49.743	47.41	37.7		91
5936	C ₆ H ₁₄	2,3-Dimethylbutane	57.990	51.24	67.5		91
5937	C ₆ H ₁₄	Hexane	68.742	Nonazeotrope			91
5938	C ₆ H ₁₄	2-Methylpentane	60.274	51.70	75.9		91
5939	C ₆ H ₁₄	3-Methylpentane	63.284	52.40	87.0		91

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₃H₉BO₃	Methyl Borate	68.7			
5940	C ₄ H ₈ O	2-Butanone	79.6	68.0	85	232
5941	C ₄ H ₈ O	Butyraldehyde	75.5		Nonazeotrope	228
5942	C ₄ H ₈ O ₂	Ethyl acetate	77.1		Nonazeotrope	229
5943	C ₄ H ₈ O ₂	Isopropyl formate	68.8	<67.0	<58	229
5944	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3		Nonazeotrope	218
5945	C ₄ H ₉ Cl	1-Chlorobutane	78.5		Nonazeotrope	255
5946	C ₄ H ₉ Cl	2-Chlorobutane	68.25	66.9	45	242
5947	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	67.3	54	211
5948	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8		Nonazeotrope	255
5949	C ₄ H ₉ NO ₂	Butyl nitrite	78.2		Nonazeotrope	229
5950	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	<66.9	...	229
5951	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	<66.0	>75	255
5952	C ₅ H ₁₂	Pentane	36.2		Nonazeotrope	226
5953	C ₆ H ₆ F	Fluorobenzene	84.9		Nonazeotrope	255
5954	C ₆ H ₆	Benzene	80.2		Nonazeotrope	218
5955	C ₆ H ₈	1,3-Cyclohexadiene	80.4		Nonazeotrope	226
5956	C ₆ H ₁₂	Cyclohexane	80.8		Nonazeotrope	226
5957	C ₆ H ₁₂	Methylcyclopentane	72.0	67.5	58	242, 384*
5958	C ₆ H ₁₄	2,3-Dimethylbutane	58.0		Nonazeotrope	255
5959	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	~66.3	50	211
A =	C₃H₉ClSi	Chlorotrimethylsilane	57.7			
5960	C ₆ H ₁₄	2-Methylpentane	60.4	56.4	65	343
5961	C ₆ H ₁₄	3-Methylpentane	63.3	57.3	70	343
A =	C₃H₉N	Propylamine	49.7			
5962	C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope	207
5963	C ₄ H ₁₀ O	Ethyl ether	34.6		Nonazeotrope	231
5964	C ₅ H ₁₀	Cyclopentane	49.3	47.0	52	231
5965	C ₅ H ₁₀	2-Methyl-2-butene	37.15	~32	~32	243
5966	C ₅ H ₁₂	2-Methylbutane	27.95		Nonazeotrope	231
5967	C ₆ H ₁₄	2,3-Dimethylbutane	58.0		Nonazeotrope	231
A =	C₃H₉N	Trimethylamine	3.5			
5968	C ₄ H ₄	1-Buten-3-yne	5.0		Nonazeotrope	43
5969	C ₄ H ₆	1,3-Butadiene	-4.6		Nonazeotrope	43
5970	C ₄ H ₈	1-Butene	-6		Nonazeotrope	43, 158*
5971	C ₄ H ₈	<i>cis</i> -2-Butene	1.0		Nonazeotrope	43
5972	C ₄ H ₈	<i>trans</i> -2-Butene	3.5		Nonazeotrope	43
5973	C ₄ H ₈	2-Methylpropene	-6		Nonazeotrope	43, 158*
5974	C ₄ H ₁₀	Butane	0		Nonazeotrope	43, 158*
5975	C ₄ H ₁₀	2-Methylpropane	-10		Nonazeotrope	43, 158*
A =	C₃H₁₀OSi	Trimethylsilanol	99			
5976	C ₆ H ₁₈ OSi ₂	Hexamethyldisiloxane	100	90	33-35	338
A =	C₄H₄	1-Buten-3-yne	5.0			
5977	C ₄ H ₈	2-Butene	3.5		Min. b.p.	50
A =	C₄H₄O	Furan	31.7			
5978	C ₆ H ₁₀	3-Methyl-1-butene	20.6		Nonazeotrope	238
5979	C ₆ H ₁₂	2-Methylbutane	27.95	<27.0	>8	238
A =	C₄H₄N₂	Pyrazine	117.2			
5980	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	116.0	>5	255
A =	C₄H₄N₂	Pyridazine	207.2			
5981	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.2		Nonazeotrope	255
5982	C ₆ H ₆ O	Phenol	182.2	209.0	88	255
5983	C ₇ H ₇ ClO	<i>m</i> -Chloroanisole	193.3		Nonazeotrope	255
5984	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8		Nonazeotrope	255
5985	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	211.8	68	255
5986	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	211.5	70	255
5987	C ₇ H ₈ O ₂	Guaiacol	205.05	203.5	...	255
5988	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	220.5	15	255
5989	C ₈ H ₁₀ O	2,4-Xylenol	210.5	215.5	25	255
5990	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<203.5	>13	255

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₄H₄S	Thiophene	84.7			
5991	C ₄ H ₇ N	Pyrraline	90.9	Nonazeotrope		255
5992	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		207
5993	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		246
5994	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		207
			....	<73	>20	243
5995	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		207
5996	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		207
5997	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		207
5998	C ₄ H ₉ ClO	1-Chloroethyl ethyl ether	98.5	Nonazeotrope		246
5999	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		207
6000	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		230
6001	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		255
6002	C ₅ H ₁₁ NO ₂	Isoamyl nitrile	97.15	Nonazeotrope		207
6003	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	<83.9	....	246
6004	C ₆ H ₆	Benzene	80.2	Nonazeotrope		207
6005	C ₆ H ₁₀	Cyclohexene	82.75	<82.5	>15	241
6006	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		246
6007	C ₆ H ₁₄	Hexane	86.95	Nonazeotrope		207
6008	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		246
A =	C₄H₅ClO₂	α-Chlorocrotonic Acid	212.5			
6009	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	<208.0	>30	234
6010	C ₇ H ₇ NO ₂	o-Nitrotoluene	221.75	<211.2	>72	234
A =	C₄H₅Cl₃O₂	Ethyl Trichloroacetate	167.2			
6011	C ₄ H ₈ O ₂	Butyric acid	164.0	<163.5	....	255
6012	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		255
6013	C ₆ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		255
6014	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		243
6015	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<165.5	>62	255
6016	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
A =	C₄H₅N	Pyrrrol	129.2			
6017	C ₄ H ₉ I	1-Iodobutane	130.4	<123.2	32	233
6018	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		207
6019	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		255
6020	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		255
6021	C ₄ H ₁₀ S	Butanethiol	97.8	Nonazeotrope		255
6022	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		233
6023	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		233
6024	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	131.6	49	233
6025	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	<116.4	>10	233
6026	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		207
6027	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	Nonazeotrope		255
6028	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	<129.4	>21	233
6029	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		207
6030	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		207
6031	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		233
6032	C ₆ H ₅ Cl	Chlorobenzene	131.75	124.5	43	207
6033	C ₆ H ₇ N	3-Picoline	143.8	145-148	....	98
6034	C ₆ H ₇ N	4-Picoline	144.8	145-148	....	98
6035	C ₆ H ₁₀ O	Mesityl oxide	130.5	~128	....	241
6036	C ₆ H ₁₀ S	Allyl sulfide	139.35	127.0	70	255
6037	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	~130.0	~60	228
6038	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		207
6039	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	117.5	20	233
6040	C ₆ H ₁₄ S	Propyl sulfide	140.8	127.5	65	233
6041	C ₇ H ₇ Cl	o-Chlorotoluene	159.2	Nonazeotrope		233
6042	C ₇ H ₈	Toluene	110.75	Nonazeotrope		233
6043	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		207
6044	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	>134.8	>25	228
6045	C ₈ H ₁₀	Xylenes	140	Min. b.p.		202
6046	C ₈ H ₁₈	n-Octane	125.75	<124.3	<36	233
6047	C ₈ H ₁₈ O	Isobutyl ether	122.3	<121.5	>12	242

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₅NS	Allyl Isothiocyanate	152.0			
6048	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		255
6049	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		255
6050	C ₆ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		255
6051	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		255
6052	C ₆ H ₁₃ ClO ₂	Chloroacetal	152.0	Nonazeotrope		255
6053	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<151.8	....	255
6054	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		255
6055	C ₆ H ₁₄ S	Propyl sulfide	141.5	<141.1	<19	255
6056	C ₇ H ₈ O	Anisole	153.85	151.5	68	255
6057	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
6058	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		255
A =	C₄H₆	1,3-Butadiene	-4.5			
6059	C ₄ H ₈	1-Butene	-5	Nonazeotrope		241
6060	C ₄ H ₈	2-Butene	1.5-3	5.53	76.5, V-l.	53
6061	C ₄ H ₁₀	Butane	-0.5	Min. b.p.		50
6062	C ₄ H ₁₀ O	Ethyl ether	34.5	Nonazeotrope, V-l.		53
A =	C₄H₆	1-Butyne	9			
6063	C ₄ H ₈	<i>cis</i> -2-Butene	1	Min. b.p.	9.5	50
6064	C ₄ H ₈	<i>trans</i> -2-Butene	3.5	....	25.5	50
A =	C₄H₆Cl₂O₂	Ethyl Dichloroacetate	158.1			
6065	C ₄ H ₈ O ₂	Butyric acid	164.0	157.0	....	242
6066	C ₄ H ₈ O ₂	Isobutyric acid	154.6	<153.8	....	242
6067	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		255
6068	C ₅ H ₄ O ₂	2-Furaldehyde	161.5	Nonazeotrope		243
6069	C ₆ H ₁₀ O ₃	Ethyl acetate	154.1	Nonazeotrope		255
6070	C ₆ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		240
6071	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		255
6072	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<156.0	58	255
6073	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
6074	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
6075	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		255
6076	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
A =	C₄H₆O	Crotonaldehyde	102.15			
6077	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.6	Nonazeotrope		243
6078	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
6079	C ₅ H ₁₀ O	2-Pentanone	102.35	101.2	....	232
6080	C ₅ H ₁₀ O	3-Pentanone	102.05	<101.4	....	232
6081	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	98.0	25	255
6082	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	<101	....	243
6083	C ₆ H ₆	Benzene	80.2	Nonazeotrope		243
6084	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
6085	C ₇ H ₈	Toluene	110.65	Min. b.p.		335
			110.65	Nonazeotrope		255
6086	C ₇ H ₁₄	Methylcyclohexane	101.15	<99.5	....	255
6087	C _n H _{2n+2}	Paraffins	109.5-110.5	102.8	....	97, 335*
A =	C₄H₆O₂	Allyl Formate	80.0			
6088	C ₄ H ₉ Cl	1-Chlorobutane	78.5	<76.0	>40	255
6089	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	<77.0	>30	229
6090	C ₆ H ₆	Benzene	80.15	79.2	>45	255
6091	C ₆ H ₁₄	Hexane	68.8	<64.5	>26	255
A =	C₄H₆O₂	Biacyetyl	87.5			
6092	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		232
6093	C ₆ H ₆	Benzene	80	79.3	~55	264
6094	C ₆ H ₁₆ N	Dipropylamine	109.2	Nonazeotrope		255
A =	C₄H₆O₂	Methyl Acrylate	80			
6095	C ₄ H ₁₀ O	Butyl alcohol	117	Nonazeotrope		320
6096	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope		320
6097	C ₆ H ₈ O ₂	Ethyl acrylate, 103 mm.	43	Nonazeotrope		320

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₄H₆O₂	Methacrylic Acid				
6098	C ₆ H ₈ O ₂	Methyl methacrylate	....	Nonazeotrope		426
A =	C₄H₆O₃	Acetic Anhydride	138			
6099	C ₅ H ₅ N	Pyridine	115	Nonazeotrope, V-l.		281
6100	C ₇ H ₁₄	Methylcyclohexane	101	99	~18	118
6102	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Azeotropic		118
6103	C ₈ H ₁₆	Ethylcyclohexane	131	118	~37	118
6104	C ₈ H ₁₈	<i>n</i> -Octane	125.8	Azeotropic		118
6105	C ₉ H ₂₀	<i>n</i> -Nonane	150	Azeotropic		118
6106	C ₁₀ H ₂₂	<i>n</i> -Decane	173	Azeotropic		118
6107	C ₁₁ H ₂₄	<i>n</i> -Undecane	194.5	Azeotropic		118
A =	C₄H₈O₃	Methyl Pyruvate	137.5			
6108	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		232
6109	C ₄ H ₉ I	1-Iodobutane	130.4	<127.0	....	232
6110	C ₅ H ₈ O ₂	2,4-Pentanedione	137.7	<136.2	....	232
6111	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		255
6112	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		232
6113	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	147.65	<136.0	....	232
6114	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		232
6115	C ₆ H ₅ Cl	Chlorobenzene	131.75	129.0	30	232
6116	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		232
6117	C ₆ H ₁₀ S	Allyl sulfide	139.35	<134.4	>53	246
6118	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		232
6119	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		232
6120	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
6121	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		232
6122	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
6123	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		232
6124	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	<132.0	....	232
6125	C ₇ H ₁₄ O ₃	Isoamyl acetate	142.1	135.0	65	232
6126	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	130.0	50	232
6127	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<117.0	....	232
6128	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
6129	C ₈ H ₁₈ O	Butyl ether	142.4	130.2	....	232
6130	C ₈ H ₁₈ O	Isobutyl ether	122.3	<121.5	....	232
6131	C ₁₀ H ₁₆	Camphene	159.6	<135.2	....	232
6132	C ₁₀ H ₁₆	α -Pinene	155.8	<134.5	....	232
A =	C₄H₆O₄	Methyl Oxalate	163.3			
6133	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	Nonazeotrope		243
6134	C ₄ H ₈ O ₂	Butyric acid	164.0	<160.8	>54	242
6135	C ₄ H ₈ O ₂	Isobutyric acid	154.6	<154.2	<18	242
6136	C ₄ H ₈ O ₃	Glycol monoacetate	190.9	Nonazeotrope		255
6137	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		252
6138	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		255
6139	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		255
6140	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	Nonazeotrope		227
6141	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	<163.8	<89	255
6142	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	162.05	65	210
6143	C ₆ H ₅ Br	Bromobenzene	156.1	153.05	28	243
6144	C ₆ H ₆ O	Phenol	182.2	182.35	~8	253
6145	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
6146	C ₆ H ₁₂ O	Cyclohexanol	160.65	155.6	41	243
6147	C ₆ H ₁₃ Br	1-Bromohexane	156.5	<154.0	<30	255
6148	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	Nonazeotrope		211
6149	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<155.5	....	247
6150	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		255
6151	C ₆ H ₁₄ O ₂	Pinacol	174.35	163.15	81	210
6152	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		207
6153	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	164.1	98	218
6154	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	Nonazeotrope		218
6155	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		210
6156	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	154.8	35	250
6157	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	156.6	30	218
6158	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₆O₄	Methyl Oxalate (<i>continued</i>)	163.3			
6159	C ₇ H ₈ O	Anisole	153.85	153.65	~15	237
6160	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<161.2	....	255
6161	C ₇ H ₁₆	Heptyl alcohol	176.15	<163.8	....	255
6162	C ₈ H ₈	Styrene	145.7	<142.5	~12	243
6163	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	255
6164	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<138.8	....	255
6165	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	<143.0	....	242
6166	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<161.9	<60	237
6167	C ₈ H ₁₀ O	Phenetole	170.45	161.35	....	251
6168	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7		Nonazeotrope	255
6169	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	160.5	58	229
6170	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	161.0	60	229
6171	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	<162.5	<76	255
6172	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	157.5	38	229
6173	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	<155.5	>23	229
6174	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<154.5	>20	229
6175	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	~163.8	86?	210
6176	C ₈ H ₂₀ SiO ₄	Ethyl silicate	165	162.5	....	243
6177	C ₉ H ₈	Indene	182.6	163.6	83	244
6178	C ₉ H ₁₂	Cumene	152.8	148.5	....	242
6179	C ₉ H ₁₂	Mesitylene	164.0	154.8	49.8	243
6180	C ₉ H ₁₂	Propylbenzene	158	~152	~38	243
6181	C ₉ H ₁₂	Pseudocumene	169	~157	~65	243
6182	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	161.0	65	229
6183	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
6184	C ₁₀ H ₁₄	Butylbenzene	183.2	<163.5	....	226
6185	C ₁₀ H ₁₄	Cymene	175.3	~161	~80	243
6186	C ₁₀ H ₁₆	Camphene	159.6	146.65	42	250
6187	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	156.7	~75	243
6188	C ₁₀ H ₁₆	Nopinene	163.8	147.1	51	243
6189	C ₁₀ H ₁₆	α -Phellandrene	171.5	153	~68	243
6190	C ₁₀ H ₁₆	α -Pinene	155.8	144.1	39	243
6191	C ₁₀ H ₁₆	Terpinene	180.5	~159.5	~88	243
6192	C ₁₀ H ₁₆	α -Terpinene	173.3	159.5	82	242
6193	C ₁₀ H ₁₆	γ -Terpinene	183	159.5	82	255
6194	C ₁₀ H ₁₆	Terpinolene	185.2	160.0	<90	226
6195	C ₁₀ H ₁₆	Terpinolene	185		Azeotrope doubtful	243
6196	C ₁₀ H ₁₆	Terpinylene	175	~155	<80	243
6197	C ₁₀ H ₁₆	Thymene	165	150	54	243
6198	C ₁₀ H ₁₈	<i>p</i> -Menthen	170.8	154.0	70	226
6199	C ₁₀ H ₁₈ O	Cineol	176.35	158.85	55	237
6200	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	171.2	162.2	70	229
6201	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	147.0	45	226
6202	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	154.8	54	237
6203	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	162.2	~80	228
6204	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
6205	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	172.7		Azeotrope doubtful	243
A =	C₄H₇BrO₂	Ethyl Bromoacetate	158.8			
6206	C ₄ H ₈ O ₂	Butyric acid	164.0	157.4	84	207
6207	C ₄ H ₈ O ₂	Isobutyric acid	154.6	153.0	40	207
6208	C ₄ H ₈ O ₃	Methyl lactate	143.8		Nonazeotrope	207
6209	C ₄ H ₁₀ O	<i>n</i> -Butyl alcohol	117.8		Nonazeotrope	207
6210	C ₄ H ₁₀ O	Isobutyl alcohol	108.0		Nonazeotrope	255
6211	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3		Nonazeotrope	255
6212	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5		Nonazeotrope	207
6213	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1		Nonazeotrope	207
6214	C ₅ H ₁₀ O ₃	Ethyl lactate	155	152.5	....	243
6215	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6		Nonazeotrope	207
6216	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	<147.5	<10	207
6217	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75		Nonazeotrope	240
6218	C ₅ H ₁₂ O	Isoamyl alcohol	131.9		Nonazeotrope	207
6219	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	151.25	5	207
6220	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4		Nonazeotrope	207
6221	C ₆ H ₅ Br	Bromobenzene	156.1	155.3	28	207
6222	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5		Nonazeotrope	207

No.	B-Component		B.P., ° C.	Azeotropic Data		
	Formula	Name		B.P., ° C.	Wt. % A	Ref.
A =	C₄H₇BrO₂	Ethyl Bromoacetate (continued)	158.8			
6223	C ₆ H ₁₂ O	Cyclohexanol	160.8	155.5	65	207
6224	C ₆ H ₁₂ O	Cyclohexanol	160.65	~156	....	248
6225	C ₆ H ₁₂ O ₃	2-Ethoxy ethylacetate	156.8	Nonazeotrope		207
6226	C ₆ H ₁₂ O ₃	Isopropyl lactate	166.8	Nonazeotrope		255
6227	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		207
6228	C ₆ H ₁₃ Br	1-Bromoheptane	156.5	<155.0	<39	248
6229	C ₆ H ₁₄ O	<i>n</i> -Hexanol	157.85	154.0	55	207
6230	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		207
6231	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
6232	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	156.2	52	207
6233	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	<158.5	<90	255
6234	C ₇ H ₈ O	Anisole	153.85	153.8	....	207
6235	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	157.5	85	255
6236	C ₇ H ₁₄ O ₃	Methyl-1,3-butanediol acetate	171.35	Nonazeotrope		207
6237	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	Nonazeotrope		207
6238	C ₈ H ₈	Styrene	145.8	Nonazeotrope		255
6239	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
6240	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
6241	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		255
6242	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
6243	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		212
6244	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		255
6245	C ₈ H ₁₈ O	<i>sec</i> -Octanol	180.4	Nonazeotrope		207
6246	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		246
6247	C ₉ H ₁₂	Mesitylene	164.6	<158.4	<88	255
6248	C ₉ H ₁₂	Propylbenzene	159.3	155.8	50	242
6249	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
6250	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		207
6251	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
6252	C ₁₀ H ₁₆	Camphene	~158	~154	....	248
6253	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		255
6254	C ₁₀ H ₁₆	Nopinene	163.8	156.5	78	242
6255	C ₁₀ H ₁₆	α -Pinene	155.8	152.5	~46	243
6256	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
6257	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		255
6258	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		255
A =	C₄H₇ClO	2-Chloroethyl Vinyl Ether	108			
6259	C ₄ H ₈ O ₂	Dioxane	101	Nonazeotrope		85*, 318
A =	C₄H₇ClO₂	Ethyl Chloroacetate	143.55			
6260	C ₄ H ₈ O ₂	Butyric acid	164	Nonazeotrope		207
6261	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		255
6262	C ₄ H ₈ O ₃	Methyl lactate	144.8	140.4	~52	248
6263	C ₄ H ₉ I	1-Iodobutane	130.4	<130.0	<10	255
6264	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		215
6265	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		255
6266	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	134.8	32	236
6267	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		232
6268	C ₅ H ₁₀ O	Cyclopentanol	140.85	137.6	50	247
6269	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		255
6270	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	144.95	38	236, 250
6271	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	140.2	49	252
6272	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		240
6273	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	131	23	207
6274	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
6875	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		206
6276	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		255
6277	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		255
6278	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
6279	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		207, 232
6280	C ₆ H ₁₀ S	Allyl sulfide	139.35	138.5	22	246
6281	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		255
6282	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		232

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₇ClO₂	Ethyl Chloroacetate (continued)	143.55			
6283	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		236
6284	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		255
6285	C ₆ H ₁₄ O	Hexyl alcohol	157.8	142	~75	215
6286	C ₆ H ₁₄ S	Propyl sulfide	141.5	<140.3	<44	246
6287	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	Nonazeotrope		212
6288	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		255
6289	C ₇ H ₁₄ O	4-Heptanone	143.55	142.75	47	232
6290	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
6291	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	Nonazeotrope		228
6292	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
6293	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	<143.4	...	255
6294	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.7	40	252
6295	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		212
6296	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	141.7	47	210
6297	C ₈ H ₈	Styrene	145.7	140.2	~60	243
6298	C ₈ H ₁₀	Ethylbenzene	136.15	135.3	18	242
6299	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	137.45	32	207
6300	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	140.2	58	242
6301	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	137.0	~28	243
6302	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		212
6303	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		255
6304	C ₈ H ₁₈ O	Butyl ether	142.4	139.8	45	242
6305	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
6306	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		255
6307	C ₁₀ H ₁₆	α -Pinene	155.8	<142.8	>88	255
A =	C₄H₇Cl₃O	Ethyl 1,1,2-Trichloroethyl Ether	173.0			
6308	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		255
6309	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	Nonazeotrope		255
6310	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		255
6311	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	171.3	75	236
6312	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		236
6313	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		255
6314	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		236
6315	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		255
6316	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
6317	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	<171.3	<55	255
6318	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
6319	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		255
6320	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
6321	C ₁₀ H ₁₆	α -Terpinene	173.4	172.0	58	242
A =	C₄H₇N	Butyronitrile	117.9			
6322	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	108.5	46	242
6323	C ₄ H ₁₀ O	Butyl alcohol	117.8	113.0	50	247
6324	C ₄ H ₁₀ O	Isobutyl alcohol	108	<106.8	>10	247
6325	C ₄ H ₁₀ O	Isobutyl alcohol	108	<105	>25	243
6326	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	109.8	50	242
6327	C ₆ H ₁₂	Cyclohexane	80.75	<79.0	>5	255
6328	C ₇ H ₈	Toluene	110.75	107.0	27	242
6329	C ₇ H ₁₄	Methylcyclohexane	101.15	90.5	20	242
A =	C₄H₇N	Isobutyronitrile	103.85			
6330	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	91.0	35	242
6331	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	<99.5	>42	247
6332	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
6333	C ₆ H ₁₂	Cyclohexane	80.75	<74.5	>13	242
6334	C ₇ H ₁₄	Methylcyclohexane	101.15	85.5	40	242
6335	C ₇ H ₁₆	Heptane	98.4	80.5	38	242
A =	C₄H₇N	Pyrroline	90.9			
6336	C ₆ H ₁₄ O	Propyl ether	90.1	<88.5	<43	255
A =	C₄H₈	1-Butene	-5			
6337	C ₄ H ₈	2-Methylpropene	-6	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈Cl₂O	Bis(2-chloroethyl) Ether	178.65			
6338	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		255
6339	C ₄ H ₈ O ₃	Glycol monoacetate	190.9	Nonazeotrope		207
6340	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		207
6341	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
6342	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	Nonazeotrope		232
6343	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		207
6344	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
6345	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		207
6346	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	176.5	60	207
6347	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	173.45	28	207
6348	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		207
6349	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	195.0	Nonazeotrope		255
6350	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	<176.5	>14	255
6351	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		207
6352	C ₆ H ₆ O	Phenol	182.2	<176.2	>60	242
6353	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		207
6354	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		207
6355	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		207
6356	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		255
6357	C ₆ H ₁₃ Br	Bromohexane	156.5	Nonazeotrope		207
6358	C ₆ H ₁₄ O	Hexanol	157.85	<157.5	<22	207
6359	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	170.85	25	207
6360	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		207
6361	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	<177.9	>63	207
6362	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		207
6363	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<167.5	<40	255
6364	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
6365	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	173.5	50	207
6366	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
6367	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		207
6368	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		207
6369	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	<177.2	<62	207
6370	C ₈ H ₁₈ S	Butyl sulfide	185	178.4	88	236
6371	C ₈ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
6372	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	177.0	80	255
6373	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
6374	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		207
6375	C ₁₀ H ₁₆	Butylbenzene	183.1	<178.0	....	207
6376	C ₁₀ H ₁₄	Cymene	176.7	<176.4	>11	255
6377	C ₁₀ H ₁₆	Dipentene	177.7	<176.5	....	207
6378	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		255
6379	C ₁₀ H ₁₈ O	Cineol	176.35	173.35	43	207
6380	C ₁₀ H ₂₂ O	Amyl ether	187.5	<176.5	....	207
6381	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	169.35	39	236
A =	C₄H₈Cl₂O	1,2-Dichloroethyl Ethyl Ether	145.5			
6382	C ₄ H ₁₀ O	Butyl alcohol	117.8	<117.0	>0.6	255
6383	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		255
6384	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		255
6385	C ₅ H ₁₀ O	Cyclopentanol	140.85	<136.5	<50	255
6386	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		255
6387	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	<143.0	>38	255
6388	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
6389	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	129.2	30	255
6390	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	144.3	70	255
6391	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		236
6392	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		236
6393	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		255
6394	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
6395	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		255
6396	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
6397	C ₆ H ₁₄ S	Propyl sulfide	141.5	<141.0	>23	246
6398	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		255
6399	C ₇ H ₁₄ O	4-Heptanone	143.55	<143.4	Nonazeotrope	255
6400	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	145.3	70	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈Cl₂O	1,2-Dichloroethyl Ethyl Ether	145.5			
		<i>(continued)</i>				
6401	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
6402	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		255
6403	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	<143.55	>10	255
6404	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
6405	C ₈ H ₈	Styrene	145.8	144.0	53	255
6406	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
6407	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		255
6408	C ₈ H ₁₈ O	Butyl ether	142.4	138.0	72	242
6409	C ₈ H ₁₈ O	sec-Octyl alcohol	180.4	Nonazeotrope		255
6410	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		255
A =	C₄H₈Cl₂S	Bis(2-chloroethyl) Sulfide	216.8			
6411	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	<215.5	>48	255
6412	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		255
6413	C ₇ H ₈ O	Benzyl alcohol	205.25	195.5	...	255
6414	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	220.8	42	255
6415	C ₈ H ₁₀ O	2,4-Xylenol	210.5	>218.5	>75	255
6416	C ₈ H ₁₀ O	3,4-Xylenol	226.8	227.5	10	255
6417	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	<215.2	>42	255
6418	C ₉ H ₁₂ O	Mesityl	220.5	223.0	28	255
6419	C ₁₀ H ₁₈ O	β-Terpineol	210.5	Nonazeotrope		255
A =	C₄H₈O	2-Butanone	79.6			
6420	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		207
6421	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		207
6422	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		232
6423	C ₄ H ₈ O ₂	Ethyl acetate	77.1	77.0	18	207
6424	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		232
6425	C ₄ H ₈ O ₂	Methyl propionate	79.85	79.0	60	232
6426	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		207
6427	C ₄ H ₉ Br	2-Bromobutane	91.2	Nonazeotrope		232
6428	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		207
6429	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		207
6430	C ₄ H ₉ Cl	1-Chlorobutane	78.5	77.0	38	207
6431	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		232
6432	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		207
6433	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	76.7	30	207
6434	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		207
6435	C ₄ H ₁₀ O	<i>n</i> -Butyl alcohol	117.8	Nonazeotrope		207
6436	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	78.7	69	10*, 207
6437	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		207
6438	C ₄ H ₁₀ S	Ethyl sulfide	92.1	<79.4	...	246
6439	C ₄ H ₁₁ N	Butylamine	77.8	74.0	35	231
6440	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		207
6441	C ₅ H ₆ O	2-Methylfuran	63.7	Nonazeotrope		310
6442	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		232
6443	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		232
6444	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		232
6445	C ₆ H ₆ F	Fluorobenzene	84.9	79.3	75	232
6446	C ₆ H ₆	Benzene	80.1	78.33	44, V-1.	379, 436*
6447	C ₆ H ₈	1,3-Cyclohexadiene	80.8	~73	~40	243
6448	C ₆ H ₁₀	Cyclohexene	82.75	73.0	47	232
6449	C ₆ H ₁₂	Cyclohexane	80.75	71.8	40	207
6450	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	56.0	15	207
6451	C ₆ H ₁₄	Hexane	68.8	64.3	29.5	207
6452	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		232
6453	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		243
6454	C ₆ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		207
6455	C ₆ H ₁₅ N	Triethylamine	89.35	<79.0	>75	231
6456	C ₇ F ₁₆	Perfluoroheptane	81.6	62-63	...	106
6457	C ₇ H ₈	Toluene	110.75	Nonazeotrope, V-1.		379
6458	C ₇ H ₁₄	Methylcyclohexane	101.15	77.7	80	207
6459	C ₇ H ₁₆	Heptane	98.4	77	73, V-1.	379
6460	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	109.0	95	232

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈O	1-Butene-3-ol				
6461	C ₄ H ₁₀ O ₂	2,3-Butanediol	....	Nonazeotrope, V-1.		293
A =	C₄H₈O	Butyraldehyde	75.2			
6462	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		255
6463	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		255
6464	C ₆ H ₆	Benzene	80.1	Nonazeotrope		139
6465	C ₇ H ₁₆	Paraffins	75-80	~61	....	139
A =	C₄H₈O	Isobutyraldehyde	63.5			
6466	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		255
6467	C ₆ H ₆	Benzene	81	Nonazeotrope ?		139
6468	C ₇ H ₁₆	Paraffins	75-80	~50	....	139
A =	C₄H₈O	2-Methyl-2-propen-1-ol	113.8			
6469	C ₈ H ₁₄ O	2-Methyl allyl ether	134.6	114.1	81.3	369
A =	C₄H₈O	Tetrahydrofuran	65			
6470	C ₆ H ₁₄	Hexane	68.9	63	53.5	87
A =	C₄H₈OS	Ethyl Thioacetate	116.6			
6471	C ₄ H ₁₀ O	Butyl alcohol	117.8	113.5	....	255
6472	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		255
6473	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	<107.2	....	255
6474	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		255
6475	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	Nonazeotrope		255
6476	C ₅ H ₁₂ O	3-Pentanol	116.0	<114.0	....	255
6476a	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		255
6476b	C ₅ H ₁₀ O	Isobutyl ether	122.3	Nonazeotrope		255
A =	C₄H₈O₂	Butyric Acid	164.0			
6477	C ₄ H ₉ I	Iodobutane	130.4	129.8	2.5	242
6478	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	Nonazeotrope		207
6479	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		243
6480	C ₅ H ₈ O ₂	2-Furaldehyde	161.45	159.4	42.5	254
6481	C ₅ H ₈ O ₂	Ethyl pyruvate	155.5	Nonazeotrope		232
6482	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.5	160.5	40	242
6483	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		206
6484	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
6485	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	144.4	13	207
6486	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	147.85	12	250
6487	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		243
6488	C ₆ H ₄ BrCl	p-Bromochlorobenzene	196.4	Nonazeotrope		207
6489	C ₆ H ₄ Cl ₂	o-Dichlorobenzene	179.5	163.0	65	207
6490	C ₆ H ₄ Cl ₂	p-Chlorobenzene	174.4	162.0	57	207
6491	C ₆ H ₅ Br	Bromobenzene	156	147-148	19	243*, 334
6492	C ₆ H ₅ Cl	Chlorobenzene	132.0	131.75	2.8	207
6493	C ₆ H ₅ ClO	o-Chlorophenol	175.5	Nonazeotrope		243
6494	C ₆ H ₅ I	Iodobenzene	188.55	161.6	....	218
6495	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		207
6496	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		277
6497	C ₆ H ₁₀ O	Cyclohexanone	156.7	164.5	....	243
6498	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4	Nonazeotrope		207
6499	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
6500	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
6501	C ₆ H ₁₁ BrO ₂	Ethyl α-bromoisobutyrate	163.7	161.5	....	255
6502	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		277
6503	C ₆ H ₁₂ O ₂	Isoamyl formate	123.3	Nonazeotrope		255
6504	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	164.3?	18	206
6505	C ₆ H ₁₃ Br	1-Bromohexane	156.5	151.5	25	207
6506	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
6507	C ₇ H ₆ Cl ₂	α,α-Dichlorotoluene	205.2	Nonazeotrope		222
6508	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		222
6509	C ₇ H ₇ Br	α-Bromotoluene	198.5	Nonazeotrope		255
6510	C ₇ H ₇ Br	m-Bromotoluene	184.3	163.62	79.5	207
6511	C ₇ H ₇ Br	o-Bromotoluene	181.5	163	72	207
6512	C ₇ H ₇ Br	p-Bromotoluene	185.0	161.5	75	221
6513	C ₇ H ₇ Cl	α-Chlorotoluene	179.3	160.8	65	222
6514	C ₇ H ₇ Cl	α-Chlorotoluene	179.35	161.5	93	243
6515	C ₇ H ₇ Cl	o-Chlorotoluene	159.3	154.5	27	207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈O₂	Butyric Acid (continued)	164.0			
6516	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	156.8	32	207
6517	C ₇ H ₈	Toluene	110.7	Nonazeotrope		207
6518	C ₇ H ₈ O	Anisole	153.85	152.85	12	207
6519	C ₇ H ₁₄	Methylcyclohexane	101.8	Nonazeotrope		207, 277*
6520	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		207
6521	C ₇ H ₁₄ O ₂	Methyl-1,3-butanediol acetate	171.75	172.0?	5?	255
6522	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		207
6523	C ₈ H ₈	Styrene	145.8	143.5	15	255
6524	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	63.3	34	24
6525	C ₈ H ₁₀	Ethylbenzene	136.15	135.8	4	255
6526	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.5	6	207
6527	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.0	10	207
6528	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	137.8	5.5	207
6529	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	160.0	55	242
6530	C ₈ H ₁₀ O	Phenetole	170.5	162.35	65	236
6531	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		207
6532	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
6533	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		207
6534	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		207
6535	C ₈ H ₁₆ O	Isoamyl propionate	160.7	Nonazeotrope		207
6536	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		207
6537	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		255
6538	C ₈ H ₁₈	Octane	125.75	<124.5	<15	242
6539	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		207
6540	C ₈ H ₁₈ O	Butyl ether	141.0	Nonazeotrope		223
6541	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		246
6542	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	<162.5	<78	246
6543	C ₉ H ₈	Indene	182.6	163.65	84	207
6544	C ₉ H ₁₂	Cumene	152.8	149.5	20	207
6545	C ₉ H ₁₂	Mesitylene	164.6	158.0	38	207
6546	C ₉ H ₁₂	Propylbenzene	158.9	11	28	207
6547	C ₉ H ₁₂	Pseudocumene	169	159.5	45	207
6548	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		207
6549	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		255
6550	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		207
6551	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		207
6552	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		225
6553	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	172.2	Nonazeotrope		207
6554	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		207
6555	C ₁₀ H ₁₄	Butylbenzene	183.1	162.5	75	242
6556	C ₁₀ H ₁₄	Cymene	176.7	161.0	60	207
6557	C ₁₀ H ₁₆	Camphene	159.6	152.3	2.8	207
6558	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	160.75	55	243
6559	C ₁₀ H ₁₆	Nopinene	164	156	38	207
6560	C ₁₀ H ₁₆	α -Phellandrene	~171.5	160	~47	243
6561	C ₁₀ H ₁₆	α -Pinene	155.8	150.2	28	207
6562	C ₁₀ H ₁₆	α -Terpinene	173.4	160.65	46	255
6563	C ₁₀ H ₁₆	γ -Terpinene	180.5	161.5	70	243
6564	C ₁₀ H ₁₆	Terpinolene	184.6	162.5	72	255
6565	C ₁₀ H ₁₆	Terpinylene	~175	160.5	40	243
6566	C ₁₀ H ₁₆	Thymene	179.7	160.5	68	221
6567	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		255
6568	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		207
6569	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	152.5	33	207
6570	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		207
6571	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	161.8	54	236
6572	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		207
A =	C₄H₈O₂	Dioxane	101.35			
6573	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		207
6574	C ₄ H ₉ Br	1-Bromobutane	101.5	98.0	47	207
6575	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		207
6576	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	99.4	97.5	36	206
6577	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		207
6578	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	<98.8	<60	207
6579	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		207

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈O₂	Dioxane (continued)	101.35			
6580	C ₄ H ₁₀ O	Isobutyl alcohol	108.0		Nonazeotrope	207
6581	C ₅ H ₇ N	Pyridine	115.4		Nonazeotrope	207
6582	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4		Nonazeotrope	255
6583	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2		Nonazeotrope	207
6584	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5		Nonazeotrope	237
6585	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	<100.9	....	237
6586	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	<100.8	....	237
6587	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65		Nonazeotrope	237
6588	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	97.5	36	207
6589	C ₅ H ₁₁ N	Piperidine	106.4		Nonazeotrope	255
6590	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15		Nonazeotrope	207
6591	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.65	80	255
6592	C ₅ H ₁₂ O	2-Pentanol	119.8		Nonazeotrope	207
6593	C ₅ H ₁₂ O	3-Pentanol	116.0		Nonazeotrope	255
6594	C ₆ H ₆	Benzene	80.15		Nonazeotrope	207
6595	C ₆ H ₆	Benzene	80.2	82.4	12	90
		25° C.	....		Nonazeotrope, V-l.	393
6596	C ₆ H ₁₀	Cyclohexene	82.75	<81.8	>20	238
6597	C ₆ H ₁₀ O	Cyclohexanone	156.7		Nonazeotrope	90
6598	C ₆ H ₁₂	Cyclohexane	80.75	79.5	24.6	90
6599	C ₆ H ₁₂	Methylcyclopentane	72.0	<71.5	>5	207
6600	C ₆ H ₁₂ O	Cyclohexanol	160.65		Nonazeotrope	90
6601	C ₆ H ₁₂ O	Pinacolone	106.2		Nonazeotrope	255
6602	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1		Nonazeotrope	237
6603	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4		Nonazeotrope	207
6604	C ₆ H ₁₆ BO ₃	Ethyl borate	118.6	100.7	92	237
6605	C ₇ H ₈	Toluene	110.75		Nonazeotrope	207
6606	C ₇ H ₈	Toluene	110.7	101.8	80	90, 97*
6607	C ₇ H ₁₄	Methylcyclohexane	101.15	93.7	>45	207
6608	C ₇ H ₁₆	Heptane	98.4	91.85	44	207
6609	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	97.0	65	207
6610	C ₈ H ₁₈	<i>n</i> -Octane	125.75	<100.5	....	207
6611	C _n H _{2n+2}	Paraffins	109.5-110.5	96.6-98.9	....	97
A =	C₄H₈O₂	<i>m</i>-Dioxane	105			
6612	C ₇ H ₈	Toluene	110.7	....	85	208
A =	C₄H₈O₂	Ethyl Acetate	77.1			
6613	C ₄ H ₈ O ₂	Isopropyl formate	68.8		Nonazeotrope	255
6614	C ₄ H ₈ O ₂	Methyl propionate	79.85		Nonazeotrope	212
6615	C ₄ H ₈ O ₂	Propyl formate	80.85		Nonazeotrope	255
6616	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4		Nonazeotrope	227
6617	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.5	71.5	30	243
6618	C ₄ H ₉ Cl	1-Chlorobutane	78.05	76.0	<35	227
6619	C ₄ H ₉ Cl	2-Chlorobutane	68.25		Nonazeotrope	255
6620	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9		Nonazeotrope	243
6621	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	76.3	71	207
6622	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1		Nonazeotrope	230
6623	C ₄ H ₁₀ O	Butyl alcohol	117.7		Nonazeotrope	261
6624	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5		Nonazeotrope	255
6625	C ₄ H ₁₀ O	Isobutyl alcohol	108.0		Nonazeotrope	255
6626	C ₄ H ₁₀ O	Isobutyl alcohol	108.0		B.p. curve	243
6627	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	76.0	73	250
6628	C ₄ H ₁₀ S	Ethyl sulfide	92.2		Nonazeotrope	212
6629	C ₅ H ₁₀ O	Isovaleraldehyde	92.3		Nonazeotrope	228
6630	C ₅ H ₁₀ O ₂	Ethyl propionate	99.12		Nonazeotrope (b.p. curve)	432
6631	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95		Nonazeotrope	207
6632	C ₆ H ₆ F	Fluorobenzene	84.9		Nonazeotrope	255
6633	C ₆ H ₆ Cl	Chlorobenzene	131.8		Nonazeotrope	243
6634	C ₆ H ₆	Benzene	80.2		Nonazeotrope	334, 387*
6635	C ₆ H ₈	1,3-Cyclohexadiene	80.8	73.5	....	243
6636	C ₆ H ₁₀	Cyclohexene	82.75	75.5	<85	243
6637	C ₆ H ₁₂	Cyclohexane	80.75	72.8	54	243
6638	C ₆ H ₁₂	Methylcyclopentane	72.0	67.2	38	255
6639	C ₆ H ₁₂ O ₂	Ethyl butyrate	119.9		Nonazeotrope	243

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈O₂	Ethyl Acetate (continued)	77.1			
6640	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<57.2	10	255
6641	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	65.1	...	251
6642	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		237
6643	C ₇ H ₈	Toluene	110.7	Nonazeotrope		261
6644	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		217
6645	C ₇ H ₁₆	Heptane	98.4	<76.9	<94	255
6646	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		217
A =	C₄H₈O₂	Isobutyric Acid	154.6			
6647	C ₄ H ₉ I	Iodobutane	130.4	128.8	7	242
6648	C ₄ H ₁₀ O	Ethyl ether	34.6	Vapor pressure data		243
6649	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	153.8	...	255
6650	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		255
6651	C ₅ H ₈ O ₂	Ethyl pyruvate	155.5	153.0	60	232
6652	C ₅ H ₈ O ₂	Methyl acetoacetate	169.5	Nonazeotrope		232
6653	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		255
6654	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	159.5	62	206
6655	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	120.2	3	255
6656	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	143.8	22	221
6657	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	146.25	30	250
6658	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.5	153.0	~75	218
6659	C ₆ H ₅ Br	Bromobenzene	156.15	148.6	35	243
6660	C ₆ H ₅ Cl	Chlorobenzene	132.0	131.2	8	221
6661	C ₆ H ₅ I	Iodobenzene	188.55	154.2	...	222
6662	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255
6663	C ₆ H ₁₀ O	Cyclohexanone	155.7	152.5	...	255
6664	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	159.2	38	255
6665	C ₆ H ₁₂ O ₂	Paraldehyde	123.2	Nonazeotrope		221
6666	C ₆ H ₁₁ Br	1-Bromohexane	156.5	148.0	35	242
6667	C ₆ H ₁₁ ClO ₂	Chloroacetal	156.8	~153	...	243
6668	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2	Nonazeotrope		255
6669	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		243
6670	C ₇ H ₇ Br	α -Bromotoluene	198.5	Nonazeotrope		255
6671	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	153.9	85	221
6672	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	153.5	80	221
6673	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	<150.0	42	218
6674	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	151.5	47	218
6675	C ₇ H ₈	Toluene	110.75	Nonazeotrope		222
6676	C ₇ H ₈ O	Anisole	153.85	149	42	236
6677	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		232
6678	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		232
6679	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255
6680	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
6681	C ₇ H ₁₄ O ₂	Methyl-1,3-butanediol acetate	171.75	Nonazeotrope		255
6682	C ₈ H ₈	Styrene	145.8	142.0	27	242
6683	C ₈ H ₁₀	Ethylbenzene	136.15	134.3	12	221
6684	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	136.9	15	207
6685	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	141.0	22	242
6686	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	136.4	13	221
6687	C ₈ H ₁₀ O	Benzyl methyl ether	170.5	Nonazeotrope		243
6688	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
6689	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		222
6690	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<120.2	<10	255
6691	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
6692	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
6693	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		255
6694	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		255
6695	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		255
6696	C ₈ H ₁₈	Octane	125.75	<124.0	<18	255
6697	C ₈ H ₁₈ O	Butyl ether	142.4	<140.5	<22	242
6698	C ₈ H ₁₈ O	Isobutyl ether	122	Nonazeotrope		236
6699	C ₉ H ₈	Indene	182.4	Nonazeotrope		223
6700	C ₉ H ₁₂	Cumene	152.8	146.8	35	242
6701	C ₉ H ₁₂	Mesitylene	164.6	151.8	~57	221
6702	C ₉ H ₁₂	Mesitylene	164.0	148.5	~48	243
6703	C ₉ H ₁₂	Propylbenzene	158.9	149.3	49	221

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈O₂	Isobutyric Acid	(continued)	154.6		
6704	C ₉ H ₁₂	Pseudocumene	168.2	152.3	63	221
6705	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
6706	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
6707	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
6708	C ₁₀ H ₁₄	Cymene	176.7	153.4	80	242
6709	C ₁₀ H ₁₆	Camphene	159.6	148.1	45	221
6710	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	152.5	78	222
6711	C ₁₀ H ₁₆	Nopinene	163.8	149.2	52	242
6712	C ₁₀ H ₁₆	α -Pinene	155.8	146.7	35	243
6713	C ₁₀ H ₁₆	α -Phellandrene	171.5	150	~72	243
6714	C ₁₀ H ₁₆	α -Terpinene	173.4	152.0	70	242
6715	C ₁₀ H ₁₆	Thymene	179.7	~154.0	...	221
6716	C ₁₀ H ₁₈	Cineol	176.35	Nonazeotrope		255
6717	C ₁₀ H ₂₂	Decane	173.3	<151.2	<72	242
6718	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	148.55	48	222
6719	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	154.2	93	255
A =	C₄H₈O₂	Isopropyl Formate	68.8			
6720	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	65	48	227
6721	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	65.5	40	229
6722	C ₅ H ₁₀	Cyclopentane	49.4	<47.0	18	242
6723	C ₆ H ₆	Benzene	68.8	Nonazeotrope		255
6724	C ₆ H ₁₂	Methylcyclopentane	72.0	<61.5	55	242
6725	C ₆ H ₁₄	Hexane	68.8	57.0	48	242
A =	C₄H₈O₂	Methyl Propionate	79.85			
6726	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		211
6727	C ₄ H ₉ Br	2-Bromobutane	91.2	Nonazeotrope		255
6728	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		227
6729	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		227
6730	C ₄ H ₉ Cl	1-Chlorobutane	78.05	76.8	~38	218
6731	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		243
6732	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	77.7	12	229
6733	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		207
6734	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		255
6735	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	77.6	~63	216
6736	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		212
6737	C ₅ H ₁₀ O	Isovaleraldehyde	92.3	Nonazeotrope		228
6738	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		237
6739	C ₆ H ₆	Benzene	80.2	79.45	52	252
6740	C ₆ H ₁₀	Cyclohexene	82.75	~75.5	...	243
6741	C ₆ H ₁₂	Cyclohexane	80.75	75	52	253
6742	C ₆ H ₁₂	Methylcyclopentane	72.0	69.5	28	242
6743	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	67	~12	253
6744	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		237
6745	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		226
6746	C ₇ H ₁₆	Heptane	98.4	<79.6	<92	255
6747	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		226
A =	C₄H₈O₂	Propyl Formate	80.85			
6748	C ₄ H ₉ Br	2-Bromobutane	91.2	Nonazeotrope		255
6749	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		227
6750	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	71.8	28	253
6751	C ₄ H ₉ Cl	1-Chlorobutane	78.5	76.1	38	250
6752	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		255
6753	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		250
6754	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	76.8	35	229
6755	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		207
6756	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		255
6757	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.6	78.0	60	217
6758	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	Nonazeotrope		216
6759	C ₄ H ₁₀ S	Ethyl sulfide	92.1	<80.2	<87	255
6760	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		212
6761	C ₄ H ₁₀ S	Butanethiol	97.5	Nonazeotrope		246
6762	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₈O₂	Propyl Formate (continued)	80.85			
6763	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	Nonazeotrope		227
6764	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
6765	C ₆ H ₆ F	Fluorobenzene	84.9	<79.5	<78	255
6766	C ₆ H ₆	Benzene	80.2	78.5	47	252
6767	C ₆ H ₁₀	Cyclohexene	82.75	<75.0	<53	255
6768	C ₆ H ₁₂	Cyclohexane	80.75	75	48	253
6769	C ₆ H ₁₂	Methylcyclopentane	72.0	<67.5	<35	255
6770	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	56.0	15	242
6771	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	63	~20	251
6772	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		237
6773	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
6774	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
6775	C ₇ H ₁₄	Methylcyclohexane	101.15	<80.2	<88	255
6776	C ₇ H ₁₆	Heptane	98.5	78.2	71	207
6777	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
A =	C₄H₈O₂	Glycol Monoacetate	190.9			
6778	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
6779	C ₆ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	192.95	<188.0	>65	255
6780	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	<179.3	....	255
6781	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	Nonazeotrope		207
6782	C ₆ H ₆ I	Iodobenzene	188.45	184.0	....	247
6783	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		207
6784	C ₆ H ₆ O	Phenol	182.2	197.5	65	207
6785	C ₆ H ₈ O ₄	Methyl fumarate	193.25	<189.0	<65	207
6786	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		207
6787	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.4	Nonazeotrope		255
6788	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		207
6789	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	182.0	32	247
6790	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		255
6791	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		207
6792	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	206.5	31	207
6793	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	199.45	51	250
6794	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	206.0	33	207
6795	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		207
6796	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	189.3	50	255
6797	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetal	171.75	Nonazeotrope		255
6798	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
6799	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		207
6800	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		207
6801	C ₈ H ₈ O ₂	Phenyl acetate	195.7	<190.0	....	255
6802	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<167.0	....	255
6803	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		207
6804	C ₈ H ₁₀ O	2,4-Xylenol	~210.5	<212.0	<18	255
6805	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		207
6806	C ₈ H ₁₈ O	Octyl alcohol	195.2	189.5	71	207
6807	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	<180.3	....	207
6808	C ₉ H ₈	Indene	182.6	180.0	20	255
6809	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		207
6810	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	180.5	35	255
6811	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		232
6812	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.2	21	207
6813	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
6814	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		207
6815	C ₁₀ H ₁₄	Butylbenzene	183.1	<181.5	....	207
6816	C ₁₀ H ₁₆ O	Borneol	215.0	Nonazeotrope		255
6817	C ₁₀ H ₁₆ O	Cineol	176.35	174.1	22	207
6818	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		207
6819	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		207
6820	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	187.0	57	207
6821	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		207
6822	C ₁₀ H ₂₂ O	Amyl ether	187.5	180.8	42	236
6823	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.2	28	236
6824	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	185.0	60	255
6825	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₄H₈O₂	Methyl Lactate	143.8				
6826	C ₄ H ₉ I	1-Iodobutane	130.4	<128.5	>20		247
6827	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	<120.0	>6		255
6828	C ₄ H ₁₀ O	Butyl alcohol	117.8		Nonazeotrope		255
6829	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3		Nonazeotrope		255
6830	C ₅ H ₈ O	Cyclopentanone	130.65		Nonazeotrope		232
6831	C ₅ H ₁₀ O	Cyclopentanol	140.85	<140.2	<81		255
6832	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	143.2	55		255
6833	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	139.0	52		247
6834	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	141.4	168		207
6835	C ₅ H ₁₂ O	Amyl alcohol	138.2	<138.0	....		255
6836	C ₅ H ₁₂ O	Isoamyl alcohol	131.9		Nonazeotrope		207
6837	C ₅ H ₁₂ O	2-Pentanol	119.8		Nonazeotrope		255
6838	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35		Nonazeotrope		206
6839	C ₆ H ₆ Br	Bromobenzene	156.1	141.5	22		247
6840	C ₆ H ₆ Br	Bromobenzene	156.1		Nonazeotrope		215
6841	C ₆ H ₆ Cl	Chlorobenzene	131.75	<130.8	....		255
6842	C ₆ H ₆ O	Phenol	182.2		Nonazeotrope		255
6843	C ₆ H ₁₀ O	Cyclohexanone	155.7		Nonazeotrope		232
6844	C ₆ H ₁₀ O	Mesityl oxide	129.45		Nonazeotrope		232
6845	C ₆ H ₁₂ O	Cyclohexanol	160.65		Nonazeotrope		243
6846	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8		Nonazeotrope		206
6847	C ₆ H ₁₄ O	Hexyl alcohol	157.85		Nonazeotrope		255
6848	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15		Nonazeotrope		255
6849	C ₆ H ₁₄ S	Propyl sulfide	141.5	<138.0	<40		246
6850	C ₇ H ₈	Toluene	110.75	~110.4	~18		253
6851	C ₇ H ₈ O	Anisole	153.85	142.8	82		236
6852	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope		255
6853	C ₇ H ₁₄ O	4-Heptanone	143.55	142.7	47		232
6854	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	~141.3	>55		228
6855	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	135.8	40		255
6856	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7		Nonazeotrope		212
6857	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	140.0	58		207
6858	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	~138.5	44		209
6859	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	141.7	70		255
6860	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	137.5	46		252
6861	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.7		Nonazeotrope		212
6862	C ₈ H ₈	Styrene	145.8	~134.5	~50		228
		26 mm.	....	....	~33 vol.		141
6863	C ₈ H ₁₀	Ethylbenzene	136.15	129.4	35		253
		26 mm.	....	....	~26 vol.		141
6864	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	131.2	42.5		207
6865	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	130.8	40		253
6866	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope		255
6867	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope		255
6868	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7		Nonazeotrope		255
6869	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	141.5	70		207
6870	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7		Nonazeotrope		228
6871	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<108.5	<17		255
6872	C ₈ H ₁₈	Octane	125.8	120.3	30		247
6873	C ₈ H ₁₈ O	Butyl ether	102.4	137.0	42		255
6874	C ₉ H ₁₂	Cumene	152.8	137.8	62		247
6875	C ₉ H ₁₂	Mesitylene	164.6	142.0	>85		228
6876	C ₉ H ₁₂	Propylbenzene	158.9	140	~88		218
6877	C ₉ H ₁₂	Pseudocumene	168.2	~143.0	<90		255
6878	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope		255
6879	C ₁₀ H ₁₆	Camphene	159.6	140	85		253
6880	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope		215
6881	C ₁₀ H ₁₆	Nopinene	163.8	138.5	70		247
6882	C ₁₀ H ₁₆	α -Pinene	155.8	<144.2	>90		243
6883	C ₁₀ H ₁₆	α -Terpinene	173.4	<142.5	<88		255
6884	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	137.8	68		247
A =	C₄H₈S	Tetrahydrothiophene	118.8				
6885	C ₅ H ₅ N	Pyridine	115.4	113.5	45		233
6886	C ₅ H ₇ N	1-Methylpyrrol	112.8	111.5	18		255
6887	C ₅ H ₁₀ O	3-Pentanone	102.05		Nonazeotrope		255

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B P., ° C.	B.P., ° C.	Wt. % A		
A =	C₄H₈S	Tetrahydrothiophene	118.8				
		<i>(continued)</i>					
6888	C ₈ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope			246
6889	C ₈ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope			246
6890	C ₈ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope			246
6890a	C ₈ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope			255
6891	C ₈ H ₁₂ O	Pinacolone	186.2	Nonazeotrope			255
6892	C ₈ H ₁₄ O	Propyl ether	90.1	Nonazeotrope			255
6892a	C ₈ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope			255
6893	C ₈ H ₁₄ S	Isopropyl sulfide	120.5	<117.5	>60		255
6894	C ₇ H ₈	Toluene	110.75	Nonazeotrope			246
6895	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope			246
6896	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<109.1	>6		255
A =	C₄H₉Br	1-Bromobutane	101.5				
6897	C ₄ H ₉ Cl	1-Chlorobutane	77.9	Nonazeotrope			
				Vapor pressure data			369
6898	C ₄ H ₁₀ O	Butyl alcohol	117.8	98.6	87		207
6899	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	93.0	70		247
6900	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	<81.8	<37		255
6901	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	95	79		253
6902	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope			246
6903	C ₅ H ₁₀ O	2-Pentanone	102.35	100.1	63		232
6904	C ₅ H ₁₀ O	3-Pentanone	102.05	100.0	63		232
6905	C ₅ H ₁₀ O ₂	Butyl formate	106.7	100.0	75		227
6906	C ₅ H ₁₀ O ₂	Ethyl propionate	79.1	<98.8	...		255
6907	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	95.5	>35		227
6908	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope			255
6909	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	99.5	65		227
6910	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope			227
6911	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	99.9	52		206
6912	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	100.0	55		227
6913	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope			230
6914	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	<97.8	<74		255
6915	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope			207
6916	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	99.7	86		247
6917	C ₅ H ₁₂ O	3-Pentanol	116.0	<100.7	>86		255
6918	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope			234
6919	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope			246
6920	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope			207
6921	C ₆ H ₁₂ O	Pinacolone	106.2	101.1	86		232
6922	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope			228
6923	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope			227
6924	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope			239
6925	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope			246
6926	C ₇ H ₈	Toluene	110.75	Nonazeotrope			255
6927	C ₇ H ₁₄	Methylcyclohexane	101.15	<99.5	55		242
6928	C ₇ H ₁₆	Heptane	98.45	96.7	50		218
		50° C.		Vapor pressure data	42.5		369
A =	C₄H₉Br	2-Bromobutane	91.2				
6929	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope			229
6930	C ₄ H ₁₀ O	Butyl alcohol	117.8	90.6	94		255
6931	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	87.2	81.9		169
6932	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	88.6	-86		247
6933	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope			232
6934	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	90.5	70		242
6935	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope			230
6936	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope			255
6937	C ₇ H ₁₆	Heptane	98.4	<91.0	>80		255
A =	C₄H₉Br	1-Bromo-2-methylpropane	91.4				
6938	C ₄ H ₉ ClO	Chloroethyl ethyl ether	98.5	Nonazeotrope			255
6938a	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope			230
6939	C ₄ H ₁₀ O	Butyl alcohol	117.75	90.2	93		215
6940	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	87.0	80.5		247
6941	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	79.0	58		255

No.	B-Component		B.P., ° C	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C	Wt. % A	
A =	C₄H₉Br	1-Bromo-2-methylpropane	91.4			
		<i>(continued)</i>				
6942	C ₄ H ₁₀ O	Isobutyl alcohol	107.85 108	89.2	<84	207
					Nonazeotrope	
					B.p. curve	163
6943	C ₄ H ₁₀ S	Ethyl sulfide	92.1	<90.2	<54	246
6944	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	90.8	82	232
6945	C ₅ H ₁₀ O	2-Pentanone	102.35			232
6946	C ₅ H ₁₀ O	3-Pentanone	102.05			232
6947	C ₅ H ₁₀ O ₂	Butyl formate	106.8			255
6948	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15			227
6949	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	90.0	~70	218
6950	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	89.0	55	218
6951	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65			255
6952	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	90	61	253
6953	C ₅ H ₁₀ O ₂	Propyl acetate	101.6			227
6954	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15			230
6955	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	87.5	82	212
6956	C ₅ H ₁₂ O	Isoamyl alcohol	131.3			207
6957	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6			255
6958	C ₅ H ₁₂ O	2-Pentanol	119.8			255
6959	C ₅ H ₁₂ O	3-Pentanol	116.0			255
6960	C ₆ H ₆	Benzene	80.2			243
6961	C ₆ H ₁₂	Cyclohexane	80.75			255
6962	C ₆ H ₁₄ O ₂	Acetal	103.55			239
6963	C ₇ H ₁₄	Methylcyclohexane	101.15			255
6964	C ₇ H ₁₆	Heptane	98.4	<91.0	>80	207
6965	C ₈ H ₁₈	2,5-Dimethylhexane	109.4			255
A =	C₄H₉Br	2-Bromo-2-methylpropane	73.25			
6966	C ₄ H ₉ NO ₂	Butyl nitrite	78.2			230
6967	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1			230
6968	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5			396
6969	C ₄ H ₁₀ O	Isobutyl alcohol	108			243
6970	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9			239
6971	C ₆ H ₆	Benzene	80.2			243
6972	C ₆ H ₁₂	Cyclohexane	80.75			255
6973	C ₆ H ₁₂	Methylcyclopentane	72.0	<70.5	>48	242
6974	C ₆ H ₁₄	Hexane	68.85	68.0	~38	218
6975	C ₆ H ₁₄ O	Isopropyl ether	68.3			239
A =	C₄H₉Cl	1-Chlorobutane	78.5			
6976	C ₄ H ₉ ClO	1-Chloroethyl ethyl ether	98.5			256
6977	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	77.0	48	230
6978	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1			230
6979	C ₄ H ₁₀ O	Butyl alcohol	117.75 117			207
				77.7	98.1	93
6980	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	77.7	92	255
6981	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	72.8	80	247
6982	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	77.65	96	253
6983	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3			239
6984	C ₄ H ₁₀ S	Butanethiol	97.5			255
6985	C ₅ H ₁₀ O	Isovaleraldehyde	92.1			255
6986	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4			232
6987	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5			255
6988	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15			230
6989	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35			255
6990	C ₅ H ₁₂ O	3-Pentanol	116.0			255
6991	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95			207
6992	C ₆ H ₆ NO ₂	Nitrobenzene	210.75			234
6993	C ₆ H ₁₂	Cyclohexane	80.75	<78.0	>64	255
6994	C ₆ H ₁₄	Hexane	68.8			255
6995	C ₆ H ₁₄ O	Isopropyl ether	68.3			239
6996	C ₆ H ₁₄ O	Propyl ether	90.1			239
6997	C ₇ H ₁₆	Heptane	98.4			255
				Vapor pressure data		369

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₉Cl	2-Chlorobutane	68.25			
6998	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85		Nonazeotrope	255
6999	C ₄ H ₉ NO ₂	Butyl nitrite	78.2		Nonazeotrope	230
7000	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	66.2	38	230
7001	C ₅ H ₁₂ O	Ethyl propyl ether	63.85		Nonazeotrope	239
7002	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope	234
7003	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
7004	C ₆ H ₁₄	Hexane	68.8	65.85	57	242
A =	C₄H₉Cl	1-Chloro-2-methylpropane	68.85			
7005	C ₄ H ₉ NO ₂	Butyl nitrite	78.2		Nonazeotrope	230
7006	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	66.5	33	230
7007	C ₄ H ₁₀ O	Butyl alcohol	117.75		Nonazeotrope	207
7008	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5		Nonazeotrope	255
7009	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	65.5	83	215
7010	C ₄ H ₁₀ O	Isobutyl alcohol	107.85		Nonazeotrope	212
7011	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3		Nonazeotrope	239
7012	C ₅ H ₁₀	Cyclopentane	49.3		Nonazeotrope	255
7013	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0		Nonazeotrope	215
7014	C ₅ H ₁₂ O	Ethyl propyl ether	63.6		Nonazeotrope	228
7015	C ₆ H ₆	Benzene	80.2		Nonazeotrope	209
7016	C ₆ H ₈	1,3-Cyclohexadiene	80.8		Nonazeotrope	243
7017	C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope	255
7018	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	243
7019	C ₆ H ₁₂	Methylcyclopentane	72.0	67.8	63	242
7020	C ₆ H ₁₄	2,3-Dimethylhexane	58.0		Nonazeotrope	255
7021	C ₆ H ₁₄	Hexane	68.95	66.3	55	243
7022	C ₆ H ₁₄ O	Isopropyl ether	68.3	>69.0	...	239
A =	C₄H₉Cl	2-Chloro-2-methylpropane	50.8			
7023	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1		Nonazeotrope	230
7024	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5		Nonazeotrope	236
7025	C ₅ H ₁₀	Cyclopentane	49.3	47.5	50	242
7026	C ₅ H ₁₂	Pentane	36.15	<35.8	>16	242
7027	C ₆ H ₁₀	Biallyl	60.2		Nonazeotrope	243
7028	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	255
7029	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<50.5	<40	255
7030	C ₆ H ₁₄	Hexane	68.9		Nonazeotrope	243
A =	C₄H₉ClO	Chloroethyl Ethyl Ether	98.5			
7032	C ₄ H ₁₀ S	Ethyl sulfide	92.1	91.8	6	255
7033	C ₅ H ₇ N	1-Methylpyrrol	112.8		Nonazeotrope	255
7034	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4		Nonazeotrope	255
7035	C ₅ H ₁₀ O	3-Pentanone	102.05		Nonazeotrope	255
7036	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
7037	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	255
7038	C ₆ H ₁₄ O	Propyl ether	90.1		Nonazeotrope	255
7039	C ₇ H ₁₄	Methylcyclohexane	101.15	<97.5	>65	242
7040	C ₇ H ₁₆	Heptane	98.4	96.0	48	242
A =	C₄H₉I	1-Iodobutane	130.4			
7041	C ₄ H ₉ NO ₂	Isobutyl nitrate	123.5	<121.7	>27	240
7042	C ₄ H ₁₀ O	Butyl alcohol	117.8	113.8	58.5	255
7043	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45		Nonazeotrope	255
7044	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	106.2	50	247
7045	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	123.0	70	206
7046	C ₅ H ₄ O ₂	2-Furaldehyde	161.45		Nonazeotrope	207
7047	C ₅ H ₅ N	Pyridine	115.5		Nonazeotrope	228
7048	C ₅ H ₈ O	Cyclopentanone	130.65	129.0	60	232
7049	C ₅ H ₇ N	Isovaleronitrile	130.5	118.5	60	242
7050	C ₅ H ₁₀ O	Cyclopentanol	140.85	127.0	84	247
7051	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5		Nonazeotrope	207
7052	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	124.5	30	227
7053	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	<129.5	<13	255
7054	C ₅ H ₁₂ O	Amyl alcohol	138.2	125.0	78	207
7055	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	123.2	72	207
7056	C ₅ H ₁₂ O	2-Pentanol	119.8	117.0	54	247

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₄H₉I	1-Iodobutane (continued)	130.4			
7057	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255
7058	C ₈ H ₁₀ O	Mesityl oxide	129.5	128.0	56	207
7059	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		232
7060	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	124.8	25	242
7061	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		255
7062	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	122.0	26	242
7063	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		255
7064	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	Nonazeotrope		227
7065	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
7066	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
7067	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
7068	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	<130.3	....	255
7069	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		227
7070	C ₈ H ₁₀	Ethylbenzene	136.15	<130.0	>85	255
A =	C₄H₉I	2-Iodobutane	120.0			
7071	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		255
7072	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	<116.0	>30	255
7073	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	<116.0	>28	255
7074	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
A =	C₄H₉I	1-Iodo-2-methylpropane	120.8			
7075	C ₄ H ₉ NO ₂	Isobutyl nitrate	123.5	<117.5	>60	240
7076	C ₄ H ₁₀ O	Butyl alcohol	117.75	110.5	70	215
7077	C ₄ H ₁₀ O	Isobutyl alcohol	108	101	>67	334
			107.85	104	64	253
7078	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	117.5	....	255
7079	C ₅ H ₅ N	Pyridine	115.5	~114.0	~35	228
7080	C ₅ H ₁₀ N ₂	Butyl formate	106.8	Nonazeotrope		255
7081	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		255
7082	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255
7083	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.0	118.2	80	227
7084	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		206
7085	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.2	~119.1	....	243
7086	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	115	<80	334
			131.3	117.5	83	207
7087	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	<130.0	....	255
7088	C ₅ H ₁₂ O ₂	Butyl acetate	125.0	120.0	....	227
7089	C ₅ H ₁₂ O ₂	Ethyl butyrate	120.0	119	64	253
7090	C ₅ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		243
A =	C₄H₉I	1-Iodo-2-methylpropane	120.8			
7091	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	117.5	70	243
7092	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	116.0	50	251
7093	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		227
7094	C ₆ H ₁₄ BO ₂	Ethyl borate	118.6	117.2	35	227
7095	C ₇ H ₈	Toluene	110.7	Nonazeotrope		334
7096	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
7097	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope		163
7098	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	119.5	53	227
7099	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		227
7100	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<119.0	>60	242
A =	C₄H₉N	Pyrrolidine				
7101	C ₆ H ₆	Benzene	80.1	Min. b.p.		202
A =	C₄H₉NO	Morpholine	128			
7102	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		139
A =	C₄H₉NO₂	Butyl Nitrite	78.2			
7103	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		230
7104	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
7105	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		230
7106	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
7107	C ₆ H ₆ F	Fluorobenzene	84.9	Nonazeotrope		230

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₉NO₂	Butyl Nitrite (continued)	78.2			
7108	C ₆ H ₆	Benzene	80.15	77.95	75	230
7109	C ₆ H ₁₂	Cyclohexane	80.75	76.5	63	250
7110	C ₆ H ₁₂	Methylcyclopentane	72.0	<71.5	<2.8	255
7111	C ₆ H ₁₄	Hexane	68.8	68.5	18	230
7112	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		230
7113	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		230
7114	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		207
A =	C₄H₉NO₂	Isobutyl Nitrite	67.1			
7115	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		230
7116	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		230
7117	C ₆ H ₁₂	Pentane	36.15	Nonazeotrope		230
7118	C ₆ H ₁₂ O	Ethyl propyl ether	63.85	<63.7	5	230
7119	C ₆ H ₆	Benzene	80.15	Nonazeotrope		230
7120	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		230
7121	C ₆ H ₁₂	Methylcyclopentane	72.0	65.9	68	250
7122	C ₆ H ₁₄	Hexane	68.8	65.0	54	207
A =	C₄H₉NO₃	Isobutyl Nitrate	123.5			
7123	C ₄ H ₁₀ O	Butyl alcohol	117.8	112.8	45	207
7124	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	105.6	36	240
7125	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	121.0	82	240
7126	C ₅ H ₁₀ O	Cyclopentanol	140.85	<122.2	...	240
7127	C ₆ H ₁₀ O ₃	Ethyl carbonate	126.5	Nonazeotrope		229
7128	C ₆ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		240
7129	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	118.0	32	240
7130	C ₆ H ₁₂ O	Amyl alcohol	138.2	122.0	...	240
7131	C ₆ H ₁₂ O	Isoamyl alcohol	131.3	~120.0	~74	240
7132	C ₆ H ₁₂ O	2-Pentanol	119.8	<115.3	<48	240
7133	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		240
7134	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		240
7135	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	<122.0	>54	229
7136	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	<121.7	>41	229
7137	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	<122.8	...	237
7138	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		240
7139	C ₇ H ₈	Toluene	110.75	Nonazeotrope		240
7140	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		240
7141	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<114.5	<41	240
7142	C ₈ H ₁₈ O	Isobutyl ether	122.3	<121.0	...	237
A =	C₄H₁₀O	Butyl Alcohol	117.8			
7143	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		206
7144	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		207
7145	C ₅ H ₇ N	Pyridine	115.4	118.7	71	233
7146	C ₅ H ₇ N	N-Methylpyrrol	112.8	<112.2	...	255
7147	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		255
7148	C ₅ H ₉ N	Valeronitrile	141.3	Nonazeotrope		245
7149	C ₆ H ₁₀	2-Methyl-2-butene	37.75	Nonazeotrope		105
7150	C ₆ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232
7151	C ₆ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		207
7152	C ₆ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		207
7153	C ₆ H ₁₀ O ₂	Butyl formate	106.6	105.8	23.6	150
7154	C ₆ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		207
7155	C ₆ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		207
7156	C ₆ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		255
7157	C ₆ H ₁₀ O ₂	Methyl butyrate	102.75	Nonazeotrope		207
7158	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		207
7159	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		207
7160	C ₆ H ₁₀ O ₃	Ethyl carbonate	125.9	116.5	63	207
7161	C ₆ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		206
7162	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	110.65	31.5	235
7163	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	97.0	12	247
7164	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	147.65	117.3	~78	215
7165	C ₆ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
7166	C ₆ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
7167	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		207
7168	C ₆ H ₆ Cl	Chlorobenzene	132.0	115.3	56	254

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₁₀O	Butyl Alcohol (continued)	117.8			
7169	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		255
7170	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
7171	C ₆ H ₆	Benzene	80.2	Nonazeotrope		243
7172	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		255
7173	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		231
7174	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		255
7175	C ₆ H ₈	1,3-Cyclohexadiene	80.8	Nonazeotrope		243
7176	C ₆ H ₉ N	N-Ethylpyrrol	130.4	Nonazeotrope		255
7177	C ₆ H ₁₀	Cyclohexene	82.7	82.0	5	217
7178	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		207, 232
7179	C ₆ H ₁₀ S	Allyl sulfide	130.35	Nonazeotrope		207
7180	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	Nonazeotrope		58
7181	C ₆ H ₁₂	Cyclohexane	80.75	79.8	4	217
7182	C ₆ H ₁₂	Methylcyclopentane	72.0	71.8	<8	255
7183	C ₆ H ₁₂ O	Butyl vinyl ether	93.8	93.3	7.75	362
			93.8	Nonazeotrope?		103*, 362
7184	C ₆ H ₁₂ O	2-Hexanone	127.2	116.5	81.8	330
7185	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		207
7186	C ₆ H ₁₂ O	3-Hexanone	123.3	117.2	80	207
7187	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	114.35	30	232
7188	C ₆ H ₁₂ O ₂	Butyl acetate	125.5	116.2	63.3, V-l.	48, 160*, 207*
7189	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.0	115.7	~64	216
7190	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	109.2	17	217
7191	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	115.9	69	216
7192	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	114.5	50	216
7193	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	113.5	40	217
7194	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	117.5	....	255
7195	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
7196	C ₆ H ₁₂ O ₂	Paraldehyde	123.9	115.75	52	207
7197	C ₆ H ₁₂ Br	1-Bromoheptane	156.5	Nonazeotrope		255
7198	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		221
7199	C ₆ H ₁₄ O	Propyl ether	90.4	Nonazeotrope		207
7200	C ₆ H ₁₄ O ₂	Acetal	103.55	101	13	253
7201	C ₆ H ₁₄ S	Isopropyl sulfide	100.5	112.0	45	235
7202	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
7203	C ₆ H ₁₄ BO ₂	Ethyl borate	118.6	113	52	216
7204	C ₇ H ₈	Toluene	110.7	105.5	32	23, 207*, 261*
			....	0.5	5.6	} 329
			....	25	6.0	
			....	50	7.1	
			....	73	11.5	
			....	103.1	28.1	
7205	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		207
7206	C ₇ H ₁₄	1-Heptene, 729 mm.	....	90	13	306
7207	C ₇ H ₁₄	Methylcyclohexane	100.8	95.3	20	23, 251*
7208	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		255
7209	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		207
7210	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		207
7211	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		255
7212	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	115.5	54	247
7213	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
7214	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9	Nonazeotrope		207
7215	C ₇ H ₁₆	Heptane	98.45	93.95	18	207
7216	C ₇ H ₁₆ SiO	Butoxytrimethylsilane	124.5	111.0	40-44	338, 374*
7217	C ₈ H ₈	Styrene	145.8	~116.5	79	217
		60 mm.	68	57	59	26
7218	C ₈ H ₁₀	Ethylbenzene	136.15	114.8	~67	217
		60 mm.	60.5	53	37	26
7219	C ₈ H ₁₀	Xylene	....	20	29.6	} 329
			....	40	38.4	
			....	60	47.5	
			....	80	56.5	
			....	115	73.0	
7220	C ₈ H ₁₀	m-Xylene	139	116.5	71.5	207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₁₀O	Butyl Alcohol (continued)	117.8			
7221	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	116.8	75	221
7222	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	115.7	68	217
7223	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	108.5	43	247
7224	C ₈ H ₁₆ O ₂	Butyl butyrate	166	Nonazeotrope, V-1.		285
7225	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	101.9	28	247
7226	C ₈ H ₁₈	Octane	125.75	110.2	50	247
7227	C ₈ H ₁₈ O	Butyl ether	141.9	117.25	88	307
7228	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		207
7229	C ₈ H ₁₈ O	Isobutyl ether	122.3	113.5	48	207
7230	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
7231	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		207
7232	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		221
7233	C ₉ H ₁₂	Propylbenzene	158.8	Nonazeotrope		217
7234	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
7235	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		255
7236	C ₉ H ₂₀ O ₂	Dibutoxymethane	181.8	Nonazeotrope		131
7237	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
7238	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		217
7239	C ₁₀ H ₁₆	Camphene	159.6	117.73?	98	254
7240	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		217
7241	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		207
7242	C ₁₀ H ₁₆	α -Pinene	155.8	117.4	~88	217
7243	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		221
7244	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope		255
7245	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	Nonazeotrope		217
7246	C ₁₀ H ₂₂ O ₂	1,1-Dibutoxyethane	187.8	Nonazeotrope, V-1.		20*, 79
A =	C₄H₁₀O	sec-Butyl Alcohol	99.5			
7247	C ₄ H ₁₀ S	Ethyl sulfide	92.1	<89.0	<32	246
7248	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		255
7249	C ₅ H ₁₀ O	3-Pentanone	102.05	98.0	58	214
7250	C ₅ H ₁₀ O ₂	Butyl formate	106.8	98.0	68	247
7251	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	95.7	47	216
7252	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	94.7	40	255
7253	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	<97.7	<59	255
7254	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	<92.0	<23	255
7255	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	~96.5	~52	243
7256	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	91.5	29	250
7257	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		255
7258	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		255
7259	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		217
7260	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
7261	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		255
7262	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
7263	C ₆ H ₆	Benzene	80.2	78.5	15.4, V-1.	217*, 295
7264	C ₆ H ₁₀	Cyclohexene	82.7	78.7	21	217
7265	C ₆ H ₁₂	Cyclohexane	80.75	76.0	18	221
7266	C ₆ H ₁₂	Methylcyclopentane	72.0	69.7	11.5	247
7267	C ₆ H ₁₂ O	Pinacolone	106.2	99.1	84	232
7268	C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate	112.2	99.6	86.3	75
7269	C ₆ H ₁₂ O	Isobutyl acetate	117.4	Nonazeotrope		255
7270	C ₆ H ₁₂ O	Methyl isovalerate	116.5	Nonazeotrope		255
7271	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<57.75	<8	255
7272	C ₆ H ₁₄	Hexane	68.9	67.2	8	217
7273	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86.7	86.0	7	105
7274	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	Nonazeotrope		105
7275	C ₆ H ₁₄ O	Propyl ether	90.4	87.0	22	255
7276	C ₇ H ₈	Toluene	110.7	95.3	55	23, 217*
7277	C ₇ H ₁₄	Methylcyclohexane	100.8	89.9	41	23
7278	C ₇ H ₁₆	Heptane	98.45	89	38	217
7279	C ₇ H ₁₆ O	<i>tert</i> -Amyl ethyl ether	101-2	94.5	39	105
7280	C ₈ H ₈	Styrene, 60 mm.	68	45	96	26
7281	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
7282	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	44	84	26
7283	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		255
7284	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	93.0	54	247

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₄H₁₀O	<i>tert</i>-Butyl Alcohol	82.9				
7285	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope		93	
7286	C ₄ H ₁₀ S	Ethyl sulfide	92.1	79.8	70	246	
7287	C ₅ H ₁₀	Cyclopentane	49.4	48.2	~7	255	
7288	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243	
7289	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		232	
7290	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		216	
7291	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	82.2	....	216
7292	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255	
7293	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		255	
7294	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	<81.15	>59	247	
7295	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		217	
7296	C ₅ H ₁₂	<i>n</i> -Pentane	36.15	35.9	3	255	
			....	Nonazeotrope		217
7297	C ₆ H ₆ F	Fluorobenzene	85.15	76.0	31	225	
7298	C ₆ H ₆	Benzene	80.2	73.95	36.6	431	
7299	C ₆ H ₈	1,3-Cyclohexadiene	80.8	73.4	38.5	243	
7300	C ₆ H ₁₀	Cyclohexene	82.7	73.2	40	217	
7301	C ₆ H ₁₀	Methylcyclopentene	75.85	69.5	30	247	
7302	C ₆ H ₁₂	Cyclohexane	80.75	71.3	37	221	
7303	C ₆ H ₁₂	Methylcyclopentane	72.0	66.6	26	247	
7304	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	55.3	13	247	
7305	C ₆ H ₁₄	Hexane	68.85	63.7	22	221	
7306	C ₆ H ₁₄ O	Propyl ether	90.4	79.0	52	256	
7307	C ₇ H ₈	Toluene	110.7	Nonazeotrope		23	
7308	C ₇ H ₁₄	Methylcyclohexane	100.8	78.8	66	23	
7309	C ₇ H ₁₆	Heptane	98.45	78	62	217	
7310	C ₈ H ₈	Styrene, 60 mm.	68	Nonazeotrope		26	
7311	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	28	95	26	
7312	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		255	
7313	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<82.2	>90	255	
7314	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	81.5	77	225	
7315	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		217	
A =	C₄H₁₀O	Ethyl Ether	34.6				
7316	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		243	
7317	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		231	
7318	C ₅ H ₈	Isoprene	34.3	33.2	48	238	
7319	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	Nonazeotrope		243	
7320	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		233	
7321	C ₅ H ₁₀	2-Methyl-2-butene	37.1	34.2	85	238	
7322	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		238	
7323	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		243	
7324	C ₅ H ₁₂	Pentane	36.15	33.4	68	233	
7325	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234	
7326	C ₆ H ₆	Benzene	80.2	Nonazeotrope		238	
7327	C ₆ H ₁₀	Biallyl	60.1	Nonazeotrope		233	
7328	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		233	
7329	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		233	
7330	C ₆ H ₁₄ O	Hexyl alcohol	155.8	Nonazeotrope		93	
7331	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231	
7332	C ₇ H ₈	Toluene	110.75	Nonazeotrope		233	
A =	C₄H₁₀O	Isobutyl Alcohol	108.0				
7333	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		255	
7334	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		233	
7335	C ₅ H ₇ N	<i>N</i> -Methylpyrrol	112.8	<107.5	....	255
7336	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		255	
7337	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		255	
7338	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		232	
7339	C ₅ H ₁₀ O	2-Pentanone	102.35	101.8	19	232	
7340	C ₅ H ₁₀ O	3-Pentanone	102.05	101.7	20	232	
7341	C ₅ H ₁₀ O ₂	Butyl formate	106.8	103.0	40	247	
7342	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	<98.9	13	255	
7343	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	Nonazeotrope		427	
			98.4	97.8	20.6	150, 216*	

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₁₀O	Isobutyl Alcohol (continued)	108.0			
7344	C ₆ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		255
7345	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	101.3	25	216
7346	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		216
7347	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	101.0	17	252
7348	C ₆ H ₁₀ O ₂	Ethyl carbonate	125.9	Nonazeotrope		216
7349	C ₆ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		255
7350	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	118.1	103.4	63.6	162
				B.p. curve		235*
7351	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	94.5	22	253
7352	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	146.5	Nonazeotrope, b.p. curve		162
7353	C ₆ H ₁₂	<i>n</i> -Pentane	36.15	Nonazeotrope		255
7354	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		255
7355	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
7356	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		212
7357	C ₆ H ₆ Cl	Chlorobenzene	132.0	107.1	63	212
7358	C ₆ H ₆ F	Fluorobenzene	84.9	84.0	9	255
7359	C ₆ H ₆	Benzene	80.2	79.84	9.3	431
			....	Nonazeotrope		334
7360	C ₆ H ₈	1,3-Cyclohexadiene	80.8	79.35	12	243
7361	C ₆ H ₁₀	Cyclohexene	82.7	80.5	14.2	221
7362	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
7363	C ₆ H ₁₁ ClO ₂	Isobutylchloro acetate	97.8	Nonazeotrope		58
7364	C ₆ H ₁₂	Cyclohexane	80.75	78.1	14	221
7365	C ₆ H ₁₂	Methylcyclopentane	72.0	71.0	5	255
7366	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		232
7367	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		232
7368	C ₆ H ₁₂ O	Isobutyl vinyl ether	83.0	82.7	6.2	362
7369	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	107.85	91	232
7370	C ₆ H ₁₂ O	Pinacolone	106.2	<105.5	<42	228
7371	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		207
7372	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.6	Nonazeotrope, b.p. curve		163
7373	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	105.5	52	243
7374	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		216
7375	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	107.4	55	150
			116.3	Nonazeotrope, b.p. curve		163, 252*
7376	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	~107.5	~90	243
7377	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		255
7378	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
7379	C ₆ H ₁₂ Br	1-Bromohexane	156.5	Nonazeotrope		255
7380	C ₆ H ₁₄	Hexane	68.9	68.3	2.5	217
7381	C ₆ H ₁₄ O	Ethyl isobutyl ether	79	78/743	18.43	34
7382	C ₆ H ₁₄ O	Propyl ether	90.55	89.5	10	236
7383	C ₆ H ₁₄ O ₂	Acetal	103.55	98.2	20	253
7384	C ₆ H ₁₄ S	Isopropyl sulfide	100.5	105.8	73	235
7385	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
7386	C ₆ H ₁₅ BO ₂	Ethyl borate	118.6	Nonazeotrope		210
7387	C ₇ H ₈	Toluene	110.7	101.2	45	23, 334*, 436*
7388	C ₇ H ₁₄	Methylcyclohexane	100.8	92.6	32	23
7389	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
7390	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope, b.p. curve		163
7391	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		255
7392	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	Nonazeotrope		255
7393	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		255
7394	C ₇ H ₁₆	Heptane	98.45	90.8	27	217
7395	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		255
7296	C ₈ H ₈	Styrene	145.8	Nonazeotrope		217
		60 mm.	68	49	75	26
7397	C ₈ H ₁₀	Ethylbenzene	136.15	107.2	80	221
		60 mm.	60.5	48	61	26
7398	C ₈ H ₁₀	<i>m</i> -Xylene	139	107.78	85.5	207
			....	Nonazeotrope		334
7399	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		217
7400	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	~107.5	~83	221
7401	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	102.2	56	255

TABLE I. BINARY SYSTEMS

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No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₄H₁₀O	Isobutyl Alcohol (<i>continued</i>)	108.0			
7402	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	98.7	42	225
7403	C ₈ H ₁₈	Octane	125.8	104	...	243
7404	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	92.0	27	255
7405	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		255
7406	C ₈ H ₁₈ O	Isobutyl ether	122.3	107.8?	...	243
7407	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
7408	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
7409	C ₉ H ₁₂	Propylbenzene	158.8	Nonazeotrope		217
7410	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		131
7411	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
7412	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		217
7413	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		221
7414	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
7415	C ₁₀ H ₁₆	α -Pinene	155.8	107.95	>99	208
7416	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		217
7417	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope		255
7418	C ₁₀ H ₂₂ O ₂	Acetaldehyde diisobutyl acetal	171.3	Nonazeotrope		20
A =	C₄H₁₀O	Methyl Propyl Ether	38.95			
7419	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		231
7420	C ₅ H ₈	Isoprene	34.3	Nonazeotrope		238
7421	C ₅ H ₁₀	2-Methyl-2-butene	37.15	36.3	25	238
7422	C ₅ H ₁₂	Pentane	36.2	35.3	22	238
A =	C₄H₁₀O₂	Acetaldehyde Dimethyl Acetal	64.3			
7423	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		231
7424	C ₆ H ₆	Benzene	80.15	Nonazeotrope		238
7425	C ₆ H ₁₂	Methylcyclopentane	72.0	64.0	83	238
7426	C ₆ H ₁₄	Hexane	68.8	64.0	70	238
A =	C₄H₁₀O₂	<i>l</i>-2,3-Butanediol	183-184			
7427	C ₈ H ₁₄ O ₄	<i>meso</i> -2,3-Butanediol diacetate	190-193	177.6	60.5, V-l.	293
		500 mm.	....	164.6	55.5, V-l.	293
		350 mm.	....	153.0	49.9, V-l.	293
		250 mm.	....	143.5	46.6, V-l.	293
A =	C₄H₁₀O₂	2-Ethoxyethanol	135.3			
7428	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		207
7429	C ₅ H ₆ N	Pyridine	115.4	Nonazeotrope		233
7430	C ₅ H ₇ N	2-Methylpyrrol	147.5	Nonazeotrope		255
7431	C ₅ H ₈ O	Cyclopentanone	130.65	<130.2	<27	232
7432	C ₅ H ₉ N	Valeronitrile	141.3	<135.0	....	255
7433	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		206
7434	C ₅ H ₁₀ O ₂	Ethyl lactate	154.1	Nonazeotrope		255
7435	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		236
7436	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	118.0	~8	255
7437	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	132.0	60?	206
7438	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	133.7	72	207
7439	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		206
7440	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
7441	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
7442	C ₆ H ₅ Br	Bromobenzene	156.1	135.22	86	236
7443	C ₆ H ₅ Cl	Chlorobenzene	131.75	127.15	32	207
7444	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		255
7445	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
7446	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		236
7447	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		206
7448	C ₆ H ₁₀ O	Mesityl oxide	129.45	128.9	18	207
7449	C ₆ H ₁₁ N	Capronitrile	163.9	Nonazeotrope		255
7450	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
7451	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		232
7452	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		232
7453	C ₆ H ₁₂ O ₂	Butyl acetate	124.8	125.8	35.7	62
7454	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		255
7455	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		236

No	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₄H₁₀O₂	2-Ethoxyethanol (continued)	135.3			
7456	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		255
7457	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
7458	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		206
7459	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		236
7460	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	123.8	14	435
7461	C ₆ H ₁₄ O ₂	1,2-Diethoxyethane	123	121.0	3.1	62
7462	C ₆ H ₁₄ S	Propyl sulfide	140.8	130.2	52	235
7463	C ₆ H ₁₆ NO	2-Diethylaminoethanol	162.2	Nonazeotrope		232
7464	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		206
7465	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		236
7466	C ₇ H ₈	Toluene	110.75	110.15	10.8	236
7467	C ₇ H ₈ O	Anisole	153.85	135.25	94	236
7468	C ₇ H ₁₄	Methylcyclohexane	101.15	98.6	15	206
7469	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		232
7470	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		255
7471	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	130.5	42	206
7472	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	133.8	70	206
7473	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	131.5	35	247
7474	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	Nonazeotrope		255
7475	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	133.5	72	236
7476	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
7477	C ₇ H ₁₆	Heptane	98.4	96.5	14	236
7478	C ₈ H ₈	Styrene	145.8	130.0	55	255, 298*
7479	C ₈ H ₁₀	Ethylbenzene	136.15	127.8	48	206, 298*
7480	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	128.85	51	207
7481	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	130.8	55	206
7482	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	128.6	50	236
7483	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		206
7484	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
7485	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		255
7486	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	114.0	30	255, 333*
7487	C ₈ H ₁₆	Ethylcyclohexane	131.8	....	37	333
7488	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		255
7489	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	....	~16	333
			109.4	105.0	22.5	206
7490	C ₈ H ₁₈	3,3-Dimethylhexane	111.9	....	~17	333
7491	C ₈ H ₁₈	3-Ethyl-3-methylpentane	....	....	~24	333
7492	C ₈ H ₁₈	<i>n</i> -Octane	125.75	116.0	38	250
			125.75	....	~28	333
7493	C ₈ H ₁₈ O	Butyl ether	141	127.0	50	62
7494	C ₈ H ₁₈ O	Isobutyl ether	122.3	119.0	33	206
7495	C ₉ H ₈	Indene	182.8	Nonazeotrope		255
7496	C ₉ H ₁₂	Cumene	152.8	133.2	67	207
7497	C ₉ H ₁₂	<i>o</i> -Ethyltoluene	....	....	~92	333
7498	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
7499	C ₉ H ₁₂	Propylbenzene	159.3	134.6	80	206
			....	....	~77	333
7500	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
7501	C ₉ H ₂₀	3,3-Diethylpentane	....	....	~45	333
7502	C ₉ H ₂₀	<i>n</i> -Nonane	150.7	....	~51	333
7503	C ₉ H ₂₀	2,2,3,3-Tetramethylpentane	....	....	~39	333
7504	C ₉ H ₂₀	2,2,4,4-Tetramethylpentane	....	....	~24	333
7505	C ₉ H ₂₀	2,3,3,4-Tetramethylpentane	....	....	~42	333
7506	C ₉ H ₂₀	2,4,4-Trimethylhexane	....	....	~30	333
7507	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		236
7508	C ₁₀ H ₁₆	Camphene	159.6	131.0	65	206
7509	C ₁₀ H ₁₆	Nopinene	163.8	<133.0	....	255
7510	C ₁₀ H ₁₆	α -Pinene	155.8	<131.0	57	255
7511	C ₁₀ H ₁₆	α -Terpinene	173.4	<135.0	<87	255
7512	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		255
7513	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	130.8	63	236
7514	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		255
A =	C₄H₁₀O₂	1-Methoxy-2-propanol	118			
7515	C ₇ H ₈	Toluene	110.7	106.5	30	93

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₁₀O₃	Diethylene Glycol	245.5			
7516	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	212.85	13	207
7517	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	228.2	32	234
7518	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	233.5	41	234
7519	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	229.5	34	207
7520	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	210.0	10	207
7521	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.2	216.0	10.5	207
7522	C ₆ H ₆ O ₂	Pyrocatechol	245.9	259.5	46	250
7523	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		206
7524	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		206
7525	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	211.0	25	255
7526	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	224.2	25	234
7527	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	218.2	17.5	207
7528	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	228.75	35	207
7529	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		206
7530	C ₇ H ₈ O	<i>m</i> -Cresol	202.4	Nonazeotrope, V-1.		292
7531	C ₇ H ₈ O	<i>p</i> -Cresol	202.0	Nonazeotrope, V-1.		292
7532	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Reacts		206
7533	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]- ethanol	245.25	245.0	22	207
7534	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
7535	C ₈ H ₈ O ₂	Anisaldehyde	249.5	<244	....	255
7536	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		206
7537	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		206
7538	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		255
7539	C ₈ H ₈ O ₃	Methyl salicylate	222.95	220.55	16	207
7540	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	222.0	32	255
7541	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		206
7542	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		236
7543	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	<244.5	....	255
7544	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	<225.0	<18	255
7545	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	<232.0	>52	255
7546	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	217.1	10	207
7547	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	222.65	10.0	207
7548	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Reacts		206
7549	C ₉ H ₇ N	Quinoline	237.3	233.6	29	207
7550	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	214.85	7	207
7551	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	211.65	10	207
7552	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	225.15	30	250
7553	C ₉ H ₁₁ O	3-Phenylpropanol	235.6	Nonazeotrope		255
7554	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		206
7555	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	240.8	59.5	207
7556	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	234.1	47	207
7557	C ₁₀ H ₈	Naphthalene	218.0	212.6	22.0	207
7558	C ₁₀ H ₈ O	1-Naphthol	288.5	Nonazeotrope		236
7559	C ₁₀ H ₉ N	Quinaldine	246.5	<241.0	....	255
7560	C ₁₀ H ₁₀ O ₂	Isosafrol	252.0	233.5	46	206
7561	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	240.0	63	207
7562	C ₁₀ H ₁₀ O ₂	Safrole	235.9	225.5	33	236
7563	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	245.4	96.3	236
7564	C ₁₀ H ₁₂ O	Anethole	235.7	210.0	20	247
7565	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	224.0	20	247
7566	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	222.7	26	236
7567	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		236
7568	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
7569	C ₁₀ H ₁₄ O	Carvacrol	237.85	236.0	27	206
7570	C ₁₀ H ₁₄ O	Thymol	232.9	232.25	13	207
7571	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
7572	C ₁₀ H ₁₈ O	α -Terpineol	218.85	217.45	13.5	207
7573	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		255
7574	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	227.0	45	206
7575	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	225.45	39	236
7576	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	244.5	85?	206
7577	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	235.0	47	206
7578	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	232.2	43	236
7579	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	238.8	60	247
7580	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	228.65	37	236

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₄H₁₀O₃	Diethylene Glycol (continued)	245.5			
7581	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	210.5	~19	255
7582	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<191.0	<9	255
7583	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	210.5	20	247
7584	C ₁₂ H ₁₀	Acenaphthene	277.9	239.6	62	207
7585	C ₁₂ H ₁₀	Biphenyl	256.1	232.65	48	207
7586	C ₁₂ H ₁₀ O	Phenyl ether	259.0	234.4	49.5	207
7587	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	297.5		Nonazeotrope	206
7588	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	236.55	52.5	207
7589	C ₁₃ H ₁₆ O ₃	Isoamyl salicylate	277.5		Nonazeotrope	206
7590	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	210.0	22	206
7591	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	223.0	18	247
7592	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Reacts	206
7593	C ₁₃ H ₁₀	Fluorene	295.0	243.0	80	206
7594	C ₁₃ H ₁₂	Diphenylmethane	265.4	236.0	52	236
7595	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	241.5	80	255
7596	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	241.0	66	206
7597	C ₁₄ H ₁₄ O	Benzyl ether	297	<243.8	>87	255
A =	C₄H₁₀S	1-Butanethiol	97.8			
7598	C ₄ H ₁₀ S	Ethyl sulfide	92.1		Nonazeotrope	255
7599	C ₅ H ₆ N	Pyridine	115.4		Nonazeotrope	255
7600	C ₆ H ₆	Benzene	80.15		Nonazeotrope	246
7601	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	246
7602	C ₇ H ₈	Toluene	110.623		Nonazeotrope	91
7603	C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane	99.53	96.35	48.0	91
7604	C ₇ H ₁₄	Ethylcyclopentane	103.45	97.76	72.15	91
7605	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.77	90.54	12.7	91
7606	C ₇ H ₁₄	Methylcyclohexane	100.934	97.00	58.2	91
7607	C ₇ H ₁₆	2,3-Dimethylpentane	89.79	59.53	15.1	91
7608	C ₇ H ₁₆	Heptane	98.428	95.45	49.4	91
7609	C ₇ H ₁₆	2-Methylhexane	90.05	89.74	15.4	91
7610	C ₇ H ₁₆	3-Methylhexane	91.95	91.20	22.8	91
7611	C ₈ H ₁₈	2,2-Dimethylhexane	106.843	98.01	78.8	91
7612	C ₈ H ₁₈	2,5-Dimethylhexane	109.106	98.22	88.0	91
7613	C ₈ H ₁₈	3,3-Dimethylhexane	111.927	98.56	97.6	91
7614	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.237	95.50	50.3	91
A =	C₄H₁₀S	2-Butanethiol	85.15			
7615	C ₆ H ₆	Benzene	80.103		Nonazeotrope	91
7616	C ₆ H ₁₂	Cyclohexane	80.738	79.97	25.5	91
7617	C ₆ H ₁₂	Methylcyclopentane	71.812		Nonazeotrope	91
7618	C ₇ H ₁₄	1,1-Dimethylcyclopentane	87.84	83.90	64.1	91
7619	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.77	84.75	78.1	91
7620	C ₇ H ₁₆	2,2-Dimethylpentane	79.205	78.60	23.1	91
7621	C ₇ H ₁₆	2,3-Dimethylpentane	69.79	84.16	68.6	91
7622	C ₇ H ₁₆	2,4-Dimethylpentane	80.51	79.55	28.1	91
7623	C ₇ H ₁₆	Heptane	98.428		Nonazeotrope	91
7624	C ₇ H ₁₆	2-Methylhexane	90.05	84.30	72.1	91
7625	C ₇ H ₁₆	3-Methylhexane	91.95	84.70	80.8	91
A =	C₄H₁₀S	Ethyl Sulfide	92.1			
7626	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	87.8	87.0	85	255
7627	C ₅ H ₆ N	Pyridine	115.4		Nonazeotrope	246
7628	C ₅ H ₇ N	1-Methylpyrrol	112.8		Nonazeotrope	255
7629	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	88.5	53	246
7630	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	78.0	70	246
7631	C ₅ H ₁₀ O	3-Pentanone	102.05		Nonazeotrope	246
7632	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65		Nonazeotrope	228
7633	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	<91.7	>56	246
7634	C ₅ H ₁₀ O ₂	Propyl acetate	101.6		Nonazeotrope	228
7635	C ₅ H ₁₂ O	Isoamyl alcohol	131.9		Nonazeotrope	207
7636	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	85.9	35	246
7637	C ₆ H ₆	Benzene	80.2		Nonazeotrope	211
7638	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	211
7639	C ₆ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope	246
7640	C ₆ H ₁₄ O	Propyl ether	90.1	<89.5	>25	246

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₄H₁₀S	Ethyl Sulfide (continued)	92.1			
7641	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		243
7642	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		211
7643	C ₇ H ₁₆	Heptane	98.4	<91.8	>78	246
A =	C₆H₁₀S	2-Methyl-1-propanethiol	88.72			
7644	C ₆ H ₆	Benzene	80.103	Nonazeotrope		91
7645	C ₆ H ₈	1,3-Cyclohexadiene	80.8	Reacts		243
7646	C ₆ H ₈	1,4-Cyclohexadiene	85.6	Reacts		243
7647	C ₆ H ₁₀	Cyclohexene	82.75	Reacts		243
7648	C ₆ H ₁₂	Cyclohexane	80.738	80.70	11.7	91
7649	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		255
7650	C ₇ H ₁₄	1,1-Dimethylcyclopentane	87.84	85.69	44.25	91
7651	C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane	99.53	88.52	98.6	91
7652	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.77	87.02	58.6	91
7653	C ₇ H ₁₄	Ethylcyclopentane	103.46	Nonazeotrope		91
7654	C ₇ H ₁₄	Methylcyclohexane	100.934	88.55	98.9	91
7655	C ₇ H ₁₆	2,2-Dimethylpentane	79.205	79.12	10.3	91
7656	C ₇ H ₁₆	2,3-Dimethylpentane	89.79	86.28	54.1	91
7657	C ₇ H ₁₆	2,4-Dimethylpentane	80.51	80.28	14.1	91
7658	C ₇ H ₁₆	Heptane	98.428	88.50	91.3	91
7659	C ₇ H ₁₆	3-Methylhexane	91.95	87.16	62.8	91
7660	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.871	80.60	16.4	91
7661	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.237	88.41	90.0	91
A =	C₆H₁₀S	2-Methyl-2-propanethiol	64.35			
7662	C ₆ H ₁₂	Methylcyclopentane	71.812	63.37	95.3	91
7663	C ₆ H ₁₄	2,3-Dimethylbutane	57.990	57.82	21.1	91
7664	C ₆ H ₁₄	Hexane	68.742	63.78	75.8	91
7665	C ₆ H ₁₄	2-Methylpentane	60.274	59.55	30.4	91
7666	C ₆ H ₁₄	3-Methylpentane	63.284	61.51	46.5	91
A =	C₄H₁₀SO₄	Ethyl Sulfate	208.0			
7667	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Reacts		222
A =	C₄H₁₁N	Butylamine	77.8			
7668	C ₆ H ₁₂	Cyclohexane	80.75	76.5	60	231
7669	C ₆ H ₁₂	Methylcyclopentane	72.0	<77.5	....	231
A =	C₄H₁₁N	Diethylamine	55.9			
7670	C ₆ H ₁₀	2-Methyl-2-butene	37.1	Nonazeotrope		231
7671	C ₆ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		231
7672	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		231
7673	C ₅ H ₁₂ O	Ethyl propyl ether	68.85	Nonazeotrope		231
7674	C ₆ H ₁₀	Biallyl	60.1	<55.5	....	255
7675	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		231
7676	C ₆ H ₁₄	2,3-Dimethylbutene	58.0	<55.0	<62	231
7677	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	Nonazeotrope		231
A =	C₄H₁₁N	Isobutylamine	68.0			
7678	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		231
7679	C ₆ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		231
7680	C ₅ H ₁₂	<i>n</i> -Pentane	36.15	Nonazeotrope		231
7681	C ₆ H ₆	Benzene	80.15	Nonazeotrope		231
7682	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		231
7683	C ₆ H ₁₂	Methylcyclopentane	72.0	<67.6	>59	255
7684	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	<66.5	>52	231
A =	C₄H₁₁NO	2-Amino-2-methyl-1-propanol	165.4			
7685	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	59.0	46	24
A =	C₄H₁₁NO₂	2,2'-Iminodiethanol	268.0			
7686	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	<246.0	....	255
7687	C ₁₀ H ₁₅ N	<i>N,N</i> -Diethylaniline	217.05	Nonazeotrope		255
7688	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	<247.0	....	255
7689	C ₁₂ H ₁₀ O	Phenyl ether	259.0	<250.0	....	255
A =	C₄H₁₂SiO₄	Methyl Silicate	121.8			
7690	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	<121.3	....	237

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₅H₄O₂	2-Furaldehyde	161.45			
7691	C ₅ H ₆ O ₂	Furfuryl alcohol	169	Nonazeotrope, V-1.		95
7692	C ₅ H ₈ O ₂	Methyl acetoacetate	~169.5	Reacts		243
7693	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		222
7694	C ₅ H ₁₀ O ₂	Ethyl lactate	154.1	Nonazeotrope		255
7695	C ₅ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		255
7696	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
7697	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	146.5	~15	223
7698	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	151.1	14	207
7699	C ₅ H ₁₂ O ₂	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		255
7700	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	161.0	78	207
7701	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	160.3	63.5	207
7702	C ₆ H ₅ Br	Bromobenzene	156.1	153.3	23	236
7703	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope		207
7704	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		207
7705	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		243
7706	C ₆ H ₁₀ O	Cyclohexanone	155.6	Nonazeotrope		218
7707	C ₆ H ₁₂ O	Cyclohexanol	160.7	156.5	5.5	207
7708	C ₆ H ₁₂ O ₂	Methyl isovalerate	155.8	Nonazeotrope		243
7709	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		207
7710	C ₆ H ₁₂ O ₂	Propyl lactate	171.7	Nonazeotrope		255
7711	C ₆ H ₁₄ O	Hexyl alcohol	157.85	154.1	44	244
7712	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	161.2	88	207
7713	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		236
7714	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	<161.3	>80	207
7715	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	Nonazeotrope		212
7716	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		212
7717	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	155.4	35	207
7718	C ₇ H ₇ Cl	<i>p</i> -Cylorotoluene	162.4	157.2	42	207
7719	C ₇ H ₇ ClO	<i>m</i> -Chloroanisole	193.3	Nonazeotrope		255
7720	C ₇ H ₈	Toluene	110.75	Nonazeotrope		208
7721	C ₇ H ₈ O	Anisole	153.85	153.25	22	236
7722	C ₇ H ₁₄ O	2-Methylcyclohexanol	176.15	<160.9	<94	207
7723	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207
7724	C ₈ H ₈	Styrene	145.8	<145	...	207
7725	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		207
7726	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.4	12	211
7727	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	140.5	13	225
7728	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	138.0	5	225
7729	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<160.3	>85	255
7730	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	161.35	89	244
7731	C ₈ H ₁₀ O	Phenetole	170.45	~161.0	~83	223
7732	C ₈ H ₁₄ O	Methylheptanone	173.2	Nonazeotrope		225
7733	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		236
7734	C ₈ H ₁₆ O	2-Octanone	172.9	Nonazeotrope		225
7735	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		223
7736	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	<159.5	>52	255
7737	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		212
7738	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		213
7739	C ₈ H ₁₈	Octane	125.8	Nonazeotrope		207
7740	C ₈ H ₁₈ O	Butyl ether	142.4	<138.5	>11	207
7741	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		207
7742	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		236
7743	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	<161.3	...	255
7744	C ₉ H ₈	Indene	182.6	Nonazeotrope		207
7745	C ₉ H ₁₂	Cumene	152.8	148.5	27	207
7746	C ₉ H ₁₂	Mesitylene	164.6	155.2	60	236
7747	C ₉ H ₁₂	Pseudocumene	168.2	157.0	67	207
7748	C ₉ H ₁₂	Propylbenzene	159.2	151.4	42	207
7749	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		207
7750	C ₉ H ₁₂ O ₂	Butyl isovalerate	177.6	Nonazeotrope		255
7751	C ₉ H ₁₂ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
7752	C ₉ H ₁₂ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		212
7753	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		207
7754	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
7755	C ₁₀ H ₁₄	Butylbenzene	183.2	160.5	82	223
7756	C ₁₀ H ₁₄	Cymene	176.7	157.8	68	211

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C	Wt % A	
A =	C₅H₄O₂	2-Furaldehyde (continued)	161.45			
7757	C ₁₀ H ₁₆	Camphene	159.5	146.75	40	256
7758	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	155.95	35	209
7759	C ₁₀ H ₁₆	α -Pinene	155.8	143.4	38	236
7760	C ₁₀ H ₁₆	Nopinene	163.8	147.1	50	207
7761	C ₁₀ H ₁₆	α -Terpinene	173.3	155.0	60	207
7762	C ₁₀ H ₁₆	δ -Terpinene	183	<160.0	...	255
7763	C ₁₀ H ₁₆	Terpinolene	185.2	159.5	80	207
7764	C ₁₀ H ₁₆	Thymene	179.7	158.5	72	211
7765	C ₁₀ H ₁₆	Dipentene	177.7	155.95	65	207
7766	C ₁₀ H ₁₈ O	Cineol	176.35	157.25	59	250
7767	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
7768	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	<147.0	<48	207
7769	C ₁₀ H ₂₂ O	Amyl ether	187.5	<158.5	>83	207
7770	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	153.9	55	236
7771	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		255
7772	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		207
A =	C₅H₅N	Pyridine	115.4			
7773	C ₆ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		255
7774	C ₆ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		253
7775	C ₆ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		253
7776	C ₆ H ₁₀ O ₂	Ethyl carbonate	126.0	Nonazeotrope		242
7777	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	<114.5	>60	228
7778	C ₆ H ₁₁ N	Piperidine	105.8	106.1	8	376, 377*
7779	C ₆ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		233
7780	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		253
7781	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
7782	C ₆ H ₁₂ O	3-Pentanol	116.0	117.4	45	253
7783	C ₆ H ₆ Cl	Chlorobenzene	132.0	Nonazeotrope		228
7784	C ₆ H ₆	Benzene	80.15	Nonazeotrope		253
7785	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		255
7786	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		207
7787	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
7788	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		253
7789	C ₆ H ₁₂ O	Pinacoline	106.2	Nonazeotrope		253
7790	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		253
7791	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	114.9	60	207
7792	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		253
7793	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope ?		228
7794	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		253
7795	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	114.5	...	253
7796	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	<115.0	>52	253
7797	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		253
7798	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		253
7799	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<114.5	<72	253
7800	C ₇ H ₈	Toluene	110.75	110.15	22	253
7801	C ₇ H ₁₄	Methylcyclohexane	100	Min. b.p.		253
7802	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	<97.0	<14	253
7803	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		253
7804	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		253
7805	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<111.0	...	253
7806	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<105.5	<40	253
7807	C ₈ H ₁₈	<i>n</i> -Octane	125.75	<112.8	<90	253
7808	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	95.75	23.4	253
7809	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		253
A =	C₅H₆O₂	Furfuryl Alcohol	169.35			
7810	C ₆ H ₁₁ NO ₂	Isoamyl nitrate	149.75	<149.6	...	240
7811	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	172.5	70	255
7812	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		255
7813	C ₆ H ₆ O	Phenol	182.2	187.0	30	247
7814	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		255
7815	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		255
7816	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
7817	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
7818	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	<167.5	>60	255
7819	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₆O₂	Furfuryl Alcohol (<i>continued</i>)	169.35			
7820	C ₇ H ₈ O	Anisole	153.85	153.3	10	225
7821	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<168.3	....	255
7822	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	168.5	82	255
7823	C ₈ H ₈ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	60.5	32	24
7824	C ₈ H ₁₀ O	Phenetole	170.45	165.0	46	225
7825	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		255
7826	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.0	30	255
7827	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
7828	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		255
7829	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		233
7830	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		255
7831	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	165.7	50	225
A =	C₅H₇N	2-Methylpyrrol	147.5			
7832	C ₅ H ₁₃ O	Isoamyl alcohol	131.9	Nonazeotrope		255
A =	C₅H₈	Cyclopentene	43.6			
7833	C ₅ H ₈	<i>cis</i> -Piperylene	43.6	43.2	....	84
			....	....	50 vol.	415
A =	C₅H₈	Isoprene	34.2			
7834	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	Nonazeotrope		243
7835	C ₅ H ₈	<i>trans</i> -Piperylene	42	....	9	415
7836	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		241
7837	C ₅ H ₁₀	2-Methyl-2-butene	37.1	34.0	86	241
7838	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		241
7839	C ₅ H ₁₂	2-Methylbutane	27.95	<27.7	>8	241
7840	C ₅ H ₁₂	<i>n</i> -Pentane	36.15	33.8	90	241
A =	C₅H₈	3-Methyl-1,2-butadiene	40.8			
7841	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		243
A =	C₅H₈O	Cyclopentanone	130.65			
7842	C ₅ H ₁₀ O ₂	Ethyl carbonate	126.5	Nonazeotrope		232
7843	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		232
7844	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	<130.0	>58	207
7845	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		232
7846	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		232
7847	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		232
7848	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		232
7849	C ₇ H ₈	Toluene	110.75	Nonazeotrope		232
7850	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		232
7851	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		232
7852	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.0	20	232
A =	C₅H₈O₂	2,4-Pentanedione	137.7			
7853	C ₅ H ₁₀ O	Cyclopentanol	140.85	<135.5	>68	232
7854	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	<130.0	>35	232
7855	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	Nonazeotrope		243
7856	C ₆ H ₆ Br	Bromobenzene	156.15	154.7	~10	243
7857	C ₆ H ₆ Cl	Chlorobenzene	131.8	Nonazeotrope		243
7858	C ₆ H ₆ I	Iodobenzene	188.55	~169	>90	243
7859	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	~167.5	80	243
7860	C ₇ H ₈	Toluene	110.75	Nonazeotrope		228
7861	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	136.4	45	232
7862	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		232
7863	C ₈ H ₁₀	Ethylbenzene	136.15	~135	~35	228
7864	C ₈ H ₁₈ O	Isobutyl ether	122.2	Nonazeotrope		228
A =	C₅H₈O₃	Ethyl Pyruvate	155.5			
7865	C ₆ H ₆ Br	Bromobenzene	156.1	149.5	48	232
7866	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		232
7867	C ₆ H ₁₀ O	Cyclohexanone	155.7	153.5	....	232
7868	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		232
7869	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		255
7870	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
7871	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		232

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₅H₈O₃	Ethyl Pyruvate (continued)	155.5			
7872	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	151.5	52	232
7873	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	153.2	58	232
7874	C ₇ H ₈ O	Anisole	153.85	148.0	50	232
7875	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		232
7876	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	<145.5	>23	232
7877	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		232
7878	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		255
7879	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	137.2	30	232
7880	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		232
7881	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
7882	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	153.0	67	232
7883	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	147.0	33	232
7884	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<151.8	....	232
7885	C ₈ H ₁₈ O	Isobutyl ether	142.4	140.4	....	232
7886	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		246
7887	C ₉ H ₁₂	Cumene	152.8	146.2	45	232
7888	C ₉ H ₁₂	Mesitylene	164.6	<151.5	....	232
7889	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
7890	C ₁₀ H ₁₆	Camphene	169.6	<148.0	....	232
7891	C ₁₀ H ₁₆	α -Pinene	155.8	<147.0	....	232
7892	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		232
A =	C₅H₈O₃	Levulinic Acid	252			
7893	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	Reacts		245
7894	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		232
7895	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	229.5	15	232
7896	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	221.55	4	232
7897	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	236.4	22	232
7898	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		232
7899	C ₈ H ₈ O ₃	Methyl salicylate	222.95	222.75	6	232
7900	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		232
7901	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		232
7902	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		232
7903	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	230.5	18	207, 232
7904	C ₁₀ H ₈	Naphthalene	218.0	216.7	11	232
7905	C ₁₀ H ₁₀ O ₂	Safrol	235.9	232.5	17	207
7906	C ₁₀ H ₁₂ O	Anethole	235.7	232.0	22	232
7907	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	230.0	7	232
7908	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		232
7909	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		232
7910	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	237.0	36	232
7911	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	234.55	29	207
7912	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	238.6	25	232
7913	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		232
7914	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.0	11	232
7915	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		232
A =	C₅H₈O₂	Methyl Acetoacetate	169.5			
7916	C ₆ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		232
7917	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		255
7918	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	167.2	33	232
7919	C ₆ H ₅ Br	Bromobenzene	156.15	154.7	~10	243
7920	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		255
7921	C ₆ H ₆ O	Phenol	181.5	Reacts		243
7922	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
7923	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		255
7924	C ₆ H ₁₂ O	Cyclohexanol	160.65	Azeotrope doubtful		243
7925	C ₇ H ₈ O	Benzaldehyde	179.2	Reacts		243
7926	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	~167.5	<80	243
7927	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	<158.2	>16	232
7928	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.0	26	232
7929	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		232
7930	C ₈ H ₈	Styrene	145.8	<145.0	27	232
7931	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	60.0	52	24
7932	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		232
7933	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<160.0	>47	232

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₈O₂	Methyl Acetoacetate (continued)	169.5			
7934	C ₈ H ₁₀ O	Phenetole	170.45	<163.5	>52	232
7935	C ₈ H ₁₄ O	Methylheptenone	173.2	167.7	....	232
7936	C ₈ H ₁₆ O	2-Octanone	172.85	168.5	....	232
7937	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	164.0	55	232
7938	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	<159.5	>20	232
7939	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	<156.5	>5	255
7940	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6		Nonazeotrope	232
7941	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope	232
7942	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	166.0	58	246
7943	C ₉ H ₁₂	Mesitylene	164.6	159.5	43	232
7944	C ₉ H ₁₂	Pseudocumene	169	~165	....	243
7945	C ₉ H ₁₄ O	2,6-Dimethyl-4-heptanone	168.0	<166.8	....	232
7946	C ₉ H ₁₄ O ₂	Isoamyl butyrate	181.05	<168.5	>75	232
7947	C ₉ H ₁₄ O ₂	Isobutyl isovalerate	171.2	165.0	60	232
7948	C ₁₀ H ₁₄	Cymene	176.7	165.0	56	232
7949	C ₁₀ H ₁₆	Camphene	159.6	152.8	40	232
7950	C ₁₀ H ₁₆	Dipentene	177.7	162.3	61	232
7951	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	162.7	61	243
7952	C ₁₀ H ₁₆	α -Phellandrene	171.5	~160	....	243
7953	C ₁₀ H ₁₆	α -Pinene	155.8	150.0	36	232
7954	C ₁₀ H ₁₆	Terpinene	180.5	<165	....	243
7955	C ₁₀ H ₁₈	Menthene	170.8	160	52	243
7956	C ₁₀ H ₁₈ O	Cineol	176.35	<164.5	80	232
7957	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	232
7958	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	232
7959	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	160.5	60	232
A =	C₅H₈O₄	Methyl Malonate	181.4			
7960	C ₈ H ₁₀ O ₂	Isovaleric acid	176.5	<180.5	<45	207
7961	C ₈ H ₁₀ O ₂	Valeric acid	186.35	<180.5	<85	207
7962	C ₈ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	173.0	46	242
7963	C ₈ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	171.0	30	250
7964	C ₈ H ₆ Br	Bromobenzene	156.1		Min. b. p	227
7965	C ₈ H ₆ I	Iodobenzene	188.55	178.0	30	227
7966	C ₈ H ₆ O	Phenol	181.5		Reacts	243
7967	C ₈ H ₇ N	Aniline	184.35		Reacts	243
7968	C ₈ H ₁₀ O ₄	Ethylidene diacetate	168.5		Nonazeotrope	207
7969	C ₈ H ₁₀ O ₄	Ethyl oxalate	185.65		Nonazeotrope	207
7970	C ₈ H ₁₀ O ₄	Glycol diacetate	186.3		Nonazeotrope	229
7971	C ₈ H ₁₁ BrO ₂	Ethyl α -bromoisobutyrate	178	<176.5	<40	243
7972	C ₈ H ₁₂ O ₂	Isocaproic acid	199.5		Nonazeotrope	255
7973	C ₈ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8		Nonazeotrope	255
7974	C ₈ H ₁₂ Br	1-Bromoheptane	156.5		Nonazeotrope	255
7975	C ₇ H ₇ Br	α -Bromotoluene	198.5		Nonazeotrope	255
7976	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	176.0	62	207
7977	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.4	174.45	44.5	209
7978	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	176.5	55	218
7979	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	~178	....	243
7980	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.15		Nonazeotrope	227
7981	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4		Nonazeotrope	227
7982	C ₇ H ₈ O	Anisole	153.85		Nonazeotrope	237
7983	C ₇ H ₈ O	<i>o</i> -Cresol	190.8		Reacts	243
7984	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	255
7985	C ₈ H ₈	Styrene	145.8		Nonazeotrope	255
7986	C ₈ H ₈ O	Acetophenone	202.0	201.0	39	232
7987	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	237
7988	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<174.8	40?	237
7989	C ₈ H ₁₀ O	Phenetole	171.5	169.9	23	237
7990	C ₈ H ₁₀ O ₂	Veratrole	206.8		Nonazeotrope	237
7991	C ₈ H ₁₄ O	Methylheptenone	173.2		Nonazeotrope	232
7992	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	<170.8	>12	255
7993	C ₈ H ₁₈ O	Octyl alcohol	195.15		Reacts	216
7994	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.5		Chem. action	243
7995	C ₈ H ₁₈ S	Butyl sulfide	185.0	176.2	50	246
7996	C ₉ H ₈	Indene	182.6	<176.2	50?	242
7997	C ₉ H ₁₂	Mesitylene	164.6	162	>10	226

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₅H₈O₄	Methyl Malonate (<i>continued</i>)	181.4				
7998	C ₉ H ₁₂	Propylbenzene	158.9	<159	....		226
7999	C ₉ H ₁₂	Pseudocumene	168.2	<165.5	>20		226
8000	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	178.0	37		436
8001	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	175.0	30		229
8002	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	<177.2	>39		229
8003	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	<170.5	>17		229
8004	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope			255
8005	C ₁₀ H ₁₄	Butylbenzene	183.2	173	52		229
8006	C ₁₀ H ₁₄	Cymene	176.7	169.0	40		226
8007	C ₁₀ H ₁₆	Camphene	159.6	154.6	26		209
8008	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	167.3	48		209
8009	C ₁₀ H ₁₆	Nopinene	164	158	28		226
8010	C ₁₀ H ₁₆	α -Pinene	155.8	151.5	~22		209
8011	C ₁₀ H ₁₆	α -Terpinene	173.3	167	<45		226
8012	C ₁₀ H ₁₆	Terpinene	181.5	164.5	51		218
8013	C ₁₀ H ₁₆	Terpinolene	185.2	171.0	<62		226
8014	C ₁₀ H ₁₆	Thymene	179.7	~169.0	50		217
8015	C ₁₀ H ₁₈	Menthene	170.8	164	37		226
8016	C ₁₀ H ₁₈ O	Cineol	176.35	169.1	40.5		237
8017	C ₁₀ H ₁₈ O	Linalool	198.6	Reacts			216
8018	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	<180.8	>75		229
8019	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	<157	<30		226
8020	C ₁₀ H ₂₂ O	Amyl ether	187.5	<175.0	<62		237
8021	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	165.5	35		237
8022	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<177.5	<90		237
8023	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope			255
A =	C₅H₉ClO₂	Propyl Chloroacetate	163.5				
8024	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope			255
8025	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope			255
8026	C ₆ H ₁₂ O	Cyclohexanol	160.8	159.0	47		255
8027	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope			255
8028	C ₆ H ₁₄ O	Hexyl alcohol	157.85	156.4	40		255
8029	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	<158.5	<35		255
8030	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.2	49		242
8031	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope			255
8032	C ₇ H ₁₀ O	Heptyl alcohol	176.15	Nonazeotrope			255
8033	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope			255
8034	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope			255
8035	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope			255
8036	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	<160.5	>20		255
8037	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope			255
8038	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope			255
8039	C ₉ H ₁₂	Mesitylene	164.6	<161.0	<72		255
8040	C ₉ H ₁₂	Propylbenzene	159.3	157.0	40		242
8041	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope			255
8042	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope			255
8043	C ₁₀ H ₁₆	Camphene	159.6	156.2	42		242
8044	C ₁₀ H ₁₆	α -Pinene	155.8	154.0	25		242
8045	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope			255
A =	C₅H₉N	Isovaleronitrile	130.5				
8046	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope			255
8046a	C ₈ H ₁₀	Ethylbenzene	136.15	126.3	60		242
8047	C ₈ H ₁₈ O	Isobutyl ether	122.3	115.5	24		242
A =	C₅H₉N	Valeronitrile	141.3				
8048	C ₆ H ₁₂ O	Amyl alcohol	138.2	<136.5	<42		245
8049	C ₆ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope			245
8050	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope			245
8051	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope			245
8052	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope			245
8052a	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope			255
8053	C ₆ H ₁₄ S	Propyl sulfide	141.5	<137.5	....		245
8054	C ₇ H ₈	Toluene	110.75	Nonazeotrope			245
8055	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	136.0	27		245
8056	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<136.5	....		245

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₉N	Valeronitrile (continued)	141.3			
8057	C ₈ H ₁₈ O	Butyl ether	142.4	<130.5	>42	242
8057a	C ₈ H ₁₈ O	Isobutyl ether	122.3	119.0	10	255
8058	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	245
A =	C₆H₁₀	Amylene	37			
8059	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope	234
8060	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope	243
A =	C₅H₁₀	Cyclopentane	49.4			
8061	C ₆ H ₁₀	2-Methyl-2-butene	37.1		Nonazeotrope	241
8062	C ₆ H ₁₂	Pentane	36.15		Nonazeotrope	241
8063	C ₆ H ₁₂ O	Ethyl propyl ether	63.85		Nonazeotrope	238
8064	C ₆ H ₁₀	Biallyl	60.1		Nonazeotrope	241
8065	C ₆ H ₁₄	2,2-Dimethylbutane	49.7		Nonazeotrope	315
8066	C ₆ H ₁₄	2,3-Dimethylbutane	58.0		Nonazeotrope	241
A =	C₅H₁₀	2-Methyl-2-butene	37.15			
8067	C ₆ H ₁₂	2-Methylbutane	27.95	27.7?	...	243
8068	C ₆ H ₁₂	Pentane	36.15	35.5	~43	243
A =	C₅H₁₀	3-Methyl-1-butene	22.5			
8069	C ₆ H ₁₂	2-Methylbutane	27.95	<20.4	>86	241
A =	C₅H₁₀O	Cyclopentanol	140.85			
8070	C ₆ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	139.0	25	206
8071	C ₆ H ₁₀ O ₂	Ethyl carbonate	126.5	125	...	247
8072	C ₆ H ₁₀ O ₂	Ethyl lactate	154.1		Nonazeotrope	255
8073	C ₆ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	139.0	75	255
8074	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	<120.2	>5	255
8075	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35		Nonazeotrope	206
8076	C ₆ H ₅ Cl	Chlorobenzene	131.75	<128.5	>20	247
8077	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
8078	C ₆ H ₆ O	Phenol	182.2		Nonazeotrope	255
8079	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope	231
8080	C ₆ H ₇ N	2-Picoline	130.7		Nonazeotrope	255
8081	C ₆ H ₁₀ O	Mesityl oxide	129.45		Nonazeotrope	232
8082	C ₆ H ₁₀ S	Allyl sulfide	139.35	<135.5	>33	246
8083	C ₆ H ₁₁ N	Capronitrile	163.9		Nonazeotrope	255
8084	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	255
8085	C ₆ H ₁₂ O ₂	Butyl acetate	126.0		Nonazeotrope	255
8086	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8		Nonazeotrope	255
8087	C ₆ H ₁₂ O ₂	Paraldehyde	124.35		Nonazeotrope	255
8088	C ₇ H ₈	Toluene	110.75		Nonazeotrope	255
8089	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	<134.5	~15	255
8090	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	<139.4	>48	247
8091	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	136.5	28	247
8092	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	132.8	40	247
8093	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	132.2	38	255
8094	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	119.0	15	247
8095	C ₈ H ₁₈ O	Butyl ether	142.4	<136.7	>39	207
8096	C ₈ H ₁₈ O	Isobutyl ether	122.3	<122.0	>3	255
A =	C₅H₁₀O	Isovaleraldehyde	92.1			
8097	C ₆ H ₁₀ O	3-Pentanone	102.05		Nonazeotrope	232
8098	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.5	<92.2	>30	228
8099	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
8100	C ₆ H ₁₄	Hexane	68.8		Nonazeotrope	255
A =	C₅H₁₀O	3-Methyl-2-butanone	95.4			
8101	C ₆ H ₁₀ O ₂	Ethyl propionate	99.1		Nonazeotrope	232
8102	C ₆ H ₁₀ O ₂	Isopropyl acetate	90.8		Nonazeotrope	228
8103	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.5		Nonazeotrope	232
8104	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	95.0	65	232
8105	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	94.0	50	232
8106	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95		Nonazeotrope	255
8107	C ₆ H ₆	Benzene	80.15		Nonazeotrope	232
8108	C ₆ H ₁₂	Cyclohexane	80.75	78.5	15	232

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₀O	3-Methyl-2-butanone (<i>continued</i>)	95.4			
8109	C ₆ H ₁₅ N	Triethylamine	89.35	<88.0	...	255
8110	C ₇ H ₁₆	Heptane	98.4	89.5	48	232
A =	C₅H₁₀O	2-Pentanone	102.25			
8111	C ₅ H ₁₀ O	3-Pentanone	102.2	Nonazeotrope		243
8112	C ₆ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		232
8113	C ₆ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		232
8114	C ₆ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		232
8115	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	101.9	50	232
8116	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		232
8117	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	100.8	35	232
8118	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.5	20	232
8119	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.9	58	232
8120	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
8121	C ₆ H ₁₂	Cyclohexane	80.75	79.8	5	232
8122	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		255
8123	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
8124	C ₇ H ₁₄	Methylcyclohexane	101.15	95.2	40	232
8125	C ₇ H ₁₆	Heptane	98.4	93.2	34	232
A =	C₅H₁₀O	3-Pentanone	102.05			
8126	C ₆ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		232
8127	C ₆ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		232
8128	C ₆ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		232
8129	C ₆ H ₁₀ O ₂	Methylbutyrate	102.65	101.45	55	232
8130	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		232
8131	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	100.75	40	232
8132	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	98.5	25	232
8133	C ₆ H ₁₁ N	Piperidine	106.4	Nonazeotrope		255
8134	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.45	21	232
8135	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.7	60	232
8136	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
8137	C ₆ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		232
8138	C ₆ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		232
8139	C ₆ H ₆	Benzene	80.15	Nonazeotrope		232
8140	C ₆ H ₁₂	Cyclohexane	80.8	Nonazeotrope		223
8141	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		232
8142	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		232
8143	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		232
8144	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		232
8145	C ₆ H ₁₄ O ₂	Acetal	103.55	<101.8	>75	232
8146	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
8147	C ₆ H ₁₅ N	Dipropylamine	109.2	<101.0	<82	231
8148	C ₇ H ₈	Toluene	110.75	Nonazeotrope		232
8149	C ₇ H ₁₄	Methylcyclohexane	101.15	95.0	40	232
8150	C ₇ H ₁₆	Heptane	98.45	93.0	35	207
8151	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	100.5	83	232
8152	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	97.5	60	232
A =	C₅H₁₀O₂	Butyl Formate	106.8			
8153	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		255
8154	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255
8155	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		255
8156	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	101.0	35	247
8157	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
8158	C ₆ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
8159	C ₆ H ₁₂ O	3-Pentanol	116.0	<106.5	<98.5	255
8160	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
8161	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
8162	C ₆ H ₁₂ O	Pinacolone	106.2	106.0	38	232
8163	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		255
8164	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		237
8165	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
8166	C ₇ H ₈	Toluene	110.75	<106.4	>70	255
8167	C ₇ H ₁₄	Methylcyclohexane	101.15	96.0	35	242
8168	C ₇ H ₁₆	Heptane	98.45	90.7	40	218
8169	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		237

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₅H₁₀O₂	Ethyl Propionate	99.15			
8170	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		211
8171	C ₆ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		255
8172	C ₆ H ₁₀ O ₂	Propyl acetate	101.55	Nonazeotrope		243
8173	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	98.4	55	218
8174	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	98	62	216
8175	C ₆ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
8176	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
8177	C ₆ H ₁₂	Cyclohexane	80.8	Nonazeotrope		226
8178	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
8179	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		226
8180	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		237
8181	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
8182	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		237
8183	C ₇ H ₈	Toluene	110.7	Nonazeotrope		226
8184	C ₇ H ₁₄	Methylcyclohexane	101.1	94.5	~53	253
8185	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	93.0	47	207
8186	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<97.5	<78	242
A =	C₅H₁₀O₂	Isobutyl Formate	98.2			
8187	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		255
8188	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		255
8189	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	94.5	50	218
8190	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	95.5	43	229
8191	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	<97.0	<81	247
8192	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		237
8193	C ₆ H ₆	Benzene	80.2	Nonazeotrope		253
8194	C ₆ H ₁₂	Cyclohexane	80.8	80	<20	226
8195	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
8196	C ₆ H ₁₄	Hexane	69.0	68.5	12	226
8197	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
8198	C ₇ H ₈	Toluene	110.7	Azeotrope doubtful		243
8199	C ₇ H ₁₄	Methylcyclohexane	100.95	92.4	~57	252
8200	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	<90.5	<50	207
8201	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	93.5	63	242
A =	C₅H₁₀O₂	Isopropyl Acetate	91.0			
8202	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		211
8203	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	Nonazeotrope		227
8204	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		229
8205	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	<87.6	<42	255
8206	C ₆ H ₆	Benzene	80.2	Nonazeotrope		218
8207	C ₆ H ₁₂	Cyclohexane	80.75	78.9	25	218
8208	C ₆ H ₁₄	Hexane	68.8	<68.5	<9	255
8209	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		226
8210	C ₆ H ₁₄ O	Propyl ether	90.55	88.5	50	237
8211	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		228
8212	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
8213	C ₇ H ₁₄	Methylcyclohexane	101.1	89	78	226
8214	C ₇ H ₁₆	Heptane	98.45	87.5	67	218
8215	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<89.0	<95	255
A =	C₆H₁₀O₂	Isovaleric Acid	176.5			
8216	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		207
8217	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	147.65	147.0	3	242
8218	C ₆ H ₆ Cl ₃	1,3,5-Trichlorobenzene	208.4	Nonazeotrope		222
8219	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	175.5	75	242
8220	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	171.2	42	207
8221	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.5	168.85	28	207
8222	C ₆ H ₅ Br	Bromobenzene	156.15	154.75	8	207
8223	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		207
8224	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5	172	...	243
8225	C ₆ H ₅ I	Iodobenzene	188.55	174.0	~55	218
8226	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		207
8227	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		207
8228	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		207
8229	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4	176.1	77	207

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₅H₁₀O₂	Isovaleric Acid (continued)	176.5			
8230	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
8231	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	176.3	84	250
8232	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		207
8233	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
8234	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		207
8235	C ₆ H ₁₂ Br	1-Bromohexane	156.5	155.0	10	242
8236	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		255
8237	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2	Nonazeotrope		207
8238	C ₇ H ₆ O	Benzaldehyde	179.2	174.5	~68	221
8239	C ₇ H ₇ Br	α -Bromotoluene	198.5	175.2	72	242
8240	C ₇ H ₇ Br	α -Bromotoluene	198.5	Nonazeotrope		243
8241	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	172.5	45	207
8242	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	172.1	39.5	207
8243	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.2	173.0	48	235
8244	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	171.2	38	207
8245	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159	157.5	12	207
8246	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	161.3	160.0	15	207
8247	C ₇ H ₈	Toluene	110.95	Nonazeotrope		207
8248	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		207
8249	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
8250	C ₇ H ₁₃ ClO	Isoamyl chloroacetate	190.5	Nonazeotrope		255
8251	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	178.0	66	207
8252	C ₈ H ₈	Styrene	145.8	145.2	8	255
8253	C ₈ H ₈ O ₂	Phenyl acetate	195.5	Nonazeotrope		243
8254	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		207
8255	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		207
8256	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.8	5	207
8257	C ₈ H ₁₀	<i>p</i> -Xylene	138	Nonazeotrope		207
8258	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<167.0	<22	255
8259	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	172.0	45	242
8260	C ₈ H ₁₀ O	Phenetole	171.5	168.5	23	207
8261	C ₈ H ₁₄ O	Methylheptanone	173.2	Nonazeotrope		232
8262	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		207
8263	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	Nonazeotrope		243
8264	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		255
8265	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		207
8266	C ₈ H ₁₈ O	Butyl ether	153.85	Nonazeotrope		207
8267	C ₈ H ₁₈ S	Butyl sulfide	185	175	73	235
8268	C ₉ H ₈	Indene	183.0	173.0	60	207
8269	C ₉ H ₁₂	Cumene	152.8	152.0	12	207
8270	C ₉ H ₁₂	Mesitylene	164.6	162.5	19	207
8271	C ₉ H ₁₂	Propylbenzene	159.3	157.5	14	242
8272	C ₉ H ₁₂	Pseudocumene	168.2	165.7	23	221
8273	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	Nonazeotrope		221
8274	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		207
8275	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
8276	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	176.1	70	218
8277	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		207
8278	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		207
8279	C ₁₀ H ₁₄	Butylbenzene	183.1	173.0	50	207
8280	C ₁₀ H ₁₄	Cymene	175.3	170.8	38	207
8281	C ₁₀ H ₁₆	Camphene	159.6	156.5	17	207
8282	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.9	41	243
8283	C ₁₀ H ₁₆	Nopinene	163.8	160.5	22	207
8284	C ₁₀ H ₁₆	α -Phellandrene	171.5	165	~35	243
8285	C ₁₀ H ₁₆	α -Pinene	155.8	154.2	11	207
8286	C ₁₀ H ₁₆	α -Terpinene	173.4	168.0	32	242
8287	C ₁₀ H ₁₆	γ -Terpinene	183	172.5	47	242
8288	C ₁₀ H ₁₆	Terpinene	180.5	170	~43	243
8289	C ₁₀ H ₁₆	Terpinolene	184.6	171.5	52	242
8290	C ₁₀ H ₁₆	Thymene	179.7	170.5	44	221
8291	C ₁₀ H ₁₈ O	Cineol	176.3	175.0	42.5	207
8292	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		207
8293	C ₁₀ H ₂₂	Decane	173.3	167.0	33	242
8294	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	158.0	20	207

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₅H₁₀O₂	Isovaleric Acid (continued)	176.5			
8295	C ₁₀ H ₂₂ O	Amyl ether	187.5	<175.0	<70	207
8296	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	168.85	27	244
8297	C ₁₁ H ₂₀ O ₂	Isobornyl methyl ether	192.4	Nonazeotrope		255
8298	C ₁₂ H ₁₈	Triethylbenzene	215.5	Nonazeotrope		207
8299	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		255
A =	C₅H₁₀O₂	Methyl Butyrate	102.65			
8300	C ₆ H ₁₀ O ₂	Propyl acetate	101.60	Nonazeotrope		229
8301	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		255
8302	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	~99	~57	243
8303	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
8304	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
8305	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
8306	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		237
8307	C ₆ H ₁₄ O ₂	Acetal	103.55	102	~55	237
8308	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
8309	C ₇ H ₁₄	Methylcyclohexane	101.1	97.0	45	226
8310	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	95.1	35	207
8311	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
8312	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	100.0	<75	226
8313	C ₈ H ₁₈	<i>n</i> -Octane	125.8	Nonazeotrope		226
A =	C₅H₁₀O₂	Methyl Isobutyrate	92.5			
8314	C ₆ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	Nonazeotrope		227
8315	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		229
8316	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
8317	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
8318	C ₆ H ₆	Benzene	80.2	Nonazeotrope		253
8319	C ₆ H ₁₂	Cyclohexane	80.75	~78.6	~12	253
8320	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		255
8321	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		226
8322	C ₆ H ₁₄ O	Propyl ether	90.1	89.7	75	237
8323	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		237
8324	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
8325	C ₇ H ₁₄	Methylcyclohexane	101.1	91	75	226
8326	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	89.7	65	207
A =	C₅H₁₀O₂	Propyl Acetate	101.6			
8327	C ₆ H ₁₁ Cl	1-Chloro-3-methylpropane	99.8	98.5	40	227
8328	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		230
8329	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	99.5	58	216
8330	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		255
8331	C ₆ H ₆	Benzene	80.2	Nonazeotrope		217
8332	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		217
8333	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
8334	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		226
8335	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		237
8336	C ₆ H ₁₄ O ₂	Acetal	103.55	101.25	68	237
8337	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		237
8338	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
8339	C ₇ H ₈	Toluene	110.6	Nonazeotrope		252
8340	C ₇ H ₁₄	Methylcyclohexane	101.15	95.45	....	251
8341	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	93.6	....	251
8342	C ₈ H ₁₈	Octane	125.8	Nonazeotrope		226
A =	C₅H₁₀O₂	Tetrahydrofurfuryl Alcohol	72.1/10 mm.			
8343	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	63.0	29.5	24
A =	C₆H₁₀O₂	Valeric Acid	186.35			
8344	C ₆ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		207
8345	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	175.8	22	207
8346	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	171.8	14.7	244
8347	C ₆ H ₅ Br	Bromobenzene	156.1	155.65	3.5	244
8348	C ₆ H ₅ I	Iodobenzene	188.45	180.15	35	207
8349	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₀O₂	Valeric Acid (continued)	186.35			
8350	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		232
8351	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	182.5	37	249, 250
8352	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	<185.6	>38	207
8353	C ₆ H ₁₃ Br	1-Bromohexane	156.5	155.5	4.5	242
8354	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		246
8355	C ₇ H ₈ O	Benzaldehyde	189.2	178.5	....	207
8356	C ₇ H ₈ O ₂	Salicylaldehyde	196.7	Nonazeotrope		255
8357	C ₇ H ₇ Br	α -Bromotoluene	198.5	183.0	53	242
8358	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	178.55	25.5	207
8359	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	176.8	23	207
8360	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	179.2	32	242
8361	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	175.0	25	207
8362	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	158.5	5	207
8363	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	161.2	6	207
8364	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		207
8365	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	184.5	80	255
8366	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		207
8367	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		207
8368	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	<185.8	....	255
8369	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207
8370	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
8371	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
8372	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
8373	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		207
8374	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<176.0	<22	242
8375	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		207
8376	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
8377	C ₉ H ₈	Indene	182.6	178.5	30	242
8378	C ₉ H ₁₂	Mesitylene	164.6	164.0	10	207
8379	C ₉ H ₁₂	Propylbenzene	159.3	158.4	7	255
8380	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	180.5	40	242
8381	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	184.3	58	242
8382	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		232
8383	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		207
8384	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		207
8385	C ₁₀ H ₈	Naphthalene	218.0	186.0	96	255
8386	C ₁₀ H ₁₄	Cymene	176.7	176.5	22	207
8387	C ₁₀ H ₁₆	Camphene	159.6	158.5	8	207
8388	C ₁₀ H ₁₆	Dipentene	177.7	173.4	27	207
8389	C ₁₀ H ₁₆	Nopinene	163.8	162.2	10	207
8390	C ₁₀ H ₁₆	α -Pinene	155.8	155.5	5?	255
8391	C ₁₀ H ₁₆	α -Terpinene	173.4	171.0	20	242
8392	C ₁₀ H ₁₆	γ -Terpinene	183	178.5	33	242
8393	C ₁₀ H ₁₆	Terpinolene	184.6	178.0	35	242
8394	C ₁₀ H ₁₈ O	Cineol	176.35	176.3	3	207
8395	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
8396	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		207
8397	C ₁₀ H ₂₂ O	Amyl ether	187.5	181.5	45	207
8398	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.8	12.5	236
A =	C₅H₁₀O₃	Ethyl Carbonate	126.5			
8400	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		206
8401	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	<119.8	<28	255
8402	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		255
8403	C ₅ H ₁₁ I	2-Iodo-2-methylbutane	127.5	123.4	~50	243
8404	C ₅ H ₁₂ O	Amyl alcohol	138.2	<125.5	<96	255
8405	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	125.3	73.5	207
8406	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		255
8407	C ₆ H ₁₀ O	Mesityl oxide	129.4	126.45	6	207
8408	C ₆ H ₁₀ S	Allyl sulfide	139.35	126.0	90	246
8409	C ₆ H ₁₂ O	2-Hexanone	127.2	125.7	65	232
8410	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		232
8411	C ₆ H ₁₂ O ₄	Isoamyl formate	123.8	Nonazeotrope		229
8412	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
8413	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		237

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₈H₁₀O₂	Ethyl Carbonate (continued)	126.5			
8414	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
8415	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
8416	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		255
8417	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		237
8418	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		253
8419	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		207
8420	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		255
8421	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<115.0	<42	255
8422	C ₈ H ₁₈ O	Isobutyl ether	122.3	<120.8	<65	237
A =	C₈H₁₀O₂	Ethyl Lactate	154.1			
8423	C ₈ H ₁₀ O ₂	2-Methoxyethyl acetate	144.6	Nonazeotrope		206
8424	C ₈ H ₁₁ I	1-Iodo-3-methylbutane	147.6	~146.0	<25	228
8425	C ₈ H ₁₁ NO ₂	Isomyl nitrate	149.75	146.7	33	242
8426	C ₈ H ₁₂ O	Isomyl alcohol	131.9	Nonazeotrope		207
8427	C ₈ H ₁₂ O ₂	2-Propoxyethanol	151.35	151.33	5	206
8428	C ₈ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.5	Nonazeotrope		218
8429	C ₈ H ₈ Br	Bromobenzene	156.1	149.7	53	252
8430	C ₈ H ₈ Cl	Chlorobenzene	132.0	Nonazeotrope		228
8431	C ₈ H ₈ O	Phenol	182.2	Nonazeotrope		222
8432	C ₈ H ₁₀ O	Cyclohexanone	155.7	153.7	66	232
8433	C ₈ H ₁₂ O	Cyclohexanol	160.7	153.75	~95	252
8434	C ₈ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
8435	C ₈ H ₁₁ ClO ₂	Chloroacetal	157.4	~152.5	73	252
8436	C ₈ H ₁₄ O	Hexyl alcohol	157.95	153.6	82	221
8437	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
8438	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.15	152.0	~65	228
8439	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	~153.0	....	228
8440	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
8441	C ₇ H ₈ O	Anisole	153.85	150.1	55.5	236
8442	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
8443	C ₇ H ₁₄	Methylcyclohexane	101.45	Nonazeotrope		255
8444	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
8445	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		232
8446	C ₇ H ₁₄ O ₂	Methyl caproate	151.0	<150.0	<32	228
8447	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		207
8448	C ₈ H ₈	Styrene	145.8	140.5	25	228
		32 mm.	....	....	16 vol.	141
8449	C ₈ H ₁₀	Ethylbenzene	....	....	~16 vol.	141
8450	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	137.4	19.5	207
8451	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	140.2	30	247
8452	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	136.6	17	255
8453	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		236
8454	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
8455	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		228
8456	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	152.8	78	255
8457	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	151.5	62	207
8458	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	146.5	30	207
8459	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	150	~60	
8460	C ₈ H ₁₈ O	Butyl ether	142.4	<141.5	....	255
8461	C ₈ H ₈	Indene	182.6	Nonazeotrope		255
8462	C ₉ H ₁₂	Cumene	152.8	143.5	48	250
8463	C ₉ H ₁₂	Mesitylene	164.9	150.05	73	210
8464	C ₉ H ₁₂	Propylbenzene	159.2	147	58	228
8465	C ₉ H ₁₂	Pseudocumene	168.2	152.4	73	221
8466	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
8467	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
8468	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		218
8469	C ₁₀ H ₁₆	Camphene	159.5	144.95	55	203
8470	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		253
8471	C ₁₀ H ₁₆	Nopinene	163.8	147.3	62	247
8472	C ₁₀ H ₁₆	α -Pinene	155.8	143.1	49.8	203
			155.8	<152.0	<82	255
8473	C ₁₀ H ₁₆	Terpinolene	181.6	Nonazeotrope		255
8474	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		253
8475	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	146.0	60	253

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₀O₂	2-Methoxyethyl Acetate	144.6			
8476	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		255
8477	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	<141.5	<65	255
8378	C ₅ H ₁₁ NO ₂	Isoamyl nitrate	149.75	144.4	87	239
8479	C ₅ H ₁₂ O	Amyl alcohol	138.2	<137.0	...	255
8480	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
8481	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
8482	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		255
8483	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		236
8484	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		236
8485	C ₆ H ₆ Cl	Chlorobenzene	131.75	Nonazeotrope		236
8486	C ₆ H ₆ O	Phenol	182.2	183.6	18	236
8487	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
8488	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		206
8489	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		255
8490	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		255
8491	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		255
8492	C ₆ H ₁₃ Br	1-Bromoheptane	156.5	<144.2	<92	255
8493	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		206
8494	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		255
8495	C ₇ H ₈	Toluene	110.75	Nonazeotrope		236
8496	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		236
8497	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		255
8498	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		236
8499	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		206
8500	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	<144.0	>35	255
8501	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	<144.45	<92	255
8502	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
8503	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	143.8	70	206
8504	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.5	20	206
8505	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	<143.2	<68	255
8506	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	143.45	51	207, 236
8507	C ₈ H ₈	Styrene	145.8	143.0	61	242
8508	C ₈ H ₁₀	Ethylbenzene	136.15	135.5	15	206
8509	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	137.7	28	201*, 207
8510	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	141.5	50	206
8511	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	137.2	26	201*, 206
8512	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
8513	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
8514	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
8515	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		255
8516	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	171.2	Nonazeotrope		255
8517	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		255
8518	C ₈ H ₁₈	Octane	125.75	<125.2	<11	255
8519	C ₈ H ₁₈ O	Butyl ether	142.4	138.0	30	206
8520	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		206
8521	C ₉ H ₁₂	Cumene	152.8	144.3	94	207
8522	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
8523	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		206
8524	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
8525	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
8526	C ₁₀ H ₁₆	Camphene	159.6	143.3	82	206
8527	C ₁₀ H ₁₆	Nopinene	163.8	143.5	83	255
8528	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
8529	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	80	206
8530	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	142.5	80	242
A =	C₅H₁₁Br	1-Bromo-3-methylbutane	120.65			
8533	C ₅ H ₁₂ O	Amyl alcohol	138.2	118.2	85	247
8534	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		207
8535	C ₅ H ₁₂ O	Isoamyl alcohol	129.0	116.15	87.3	162, 207*
8536	C ₅ H ₁₂ O	2-Pentanol	119.8	<115.0	<74	207
8537	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		207
8538	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		207
8539	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
8540	C ₆ H ₁₂ O	3-Hexanone	123.3	119.8	45	232
8541	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	115.6	30	207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₁Br	1-Bromo-3-methylbutane (continued)	120.65			
8542	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	Nonazeotrope		207
8543	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	119.8	65	162*, 207
8544	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		227
8545	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	120.0	76	207
8546	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	117.2	<28	207
8547	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		227
8548	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	120.2	75	242
8549	C ₆ H ₁₂ O ₃	Paraldehyde	124	118.5	~24	243
8550	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<118.9	<48	246
8551	C ₆ H ₁₆ BO ₃	Ethyl borate	118.6	117.7	38	207
8552	C ₇ H ₈	Toluene	109.5	Nonazeotrope		247
8553	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		207
A =	C₅H₁₁Br	1-Bromo-3-methylbutane	120.65			
8554	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope		162
8555	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	119.5	60	227
8556	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<118.9	<60	207
8557	C ₈ H ₁₈	n-Octane	125.75	<120.2	<90	207
A =	C₅H₁₁Br	1-Bromopentane	130.0			
8558	C ₇ H ₈	Toluene	110.7	Nonazeotrope		328
A =	C₅H₁₁Cl	1-Chloro-3-methylbutane	99.4			
8559	C ₆ H ₁₁ NO ₂	Isoamyl nitrite	97.15	<96.9	<20	230
8560	C ₆ H ₁₂ O	tert-Amyl alcohol	102.25	95.85	73.5	225
8561	C ₆ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		207
8562	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
8563	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
8564	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		255
8565	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		228
8566	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		227
8567	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		239
8568	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		239
8569	C ₇ H ₁₄	Methylcyclohexane	101.15	98.0	64	242
8570	C ₇ H ₁₆	Heptane	78.4	96.5	52	207
8571	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
A =	C₅H₁₁I	1-Iodo-3-methylbutane	147.65			
8572	C ₆ H ₁₁ NO ₃	Isoamyl nitrate	149.75	<144.5	>57	240
8573	C ₆ H ₁₂ O	Isoamyl alcohol	128.9	127.3	48	162, 207*
8574	C ₆ H ₁₂ O ₂	2-Propoxyethanol	143.0	....	....	206
8575	C ₆ H ₅ ClO	o-Chlorophenol	176.8	Nonazeotrope		255
8576	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		222
8577	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
8578	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		207
8579	C ₆ H ₁₂ O	Cyclohexanol	160.65	147.0	~90	253
8580	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	<147.4	....	255
8581	C ₆ H ₁₄ O	Hexyl alcohol	157.85	145.2	87	247
8582	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
8583	C ₆ H ₁₄ O ₂	Pinacol	174.35	145.5	~90	255
8584	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		253
8585	C ₇ H ₁₄ O	4-Heptanone	143.55	143.0	35	232
8586	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
8587	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.7	~18	208
			137.5	Nonazeotrope		162
8588	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	145.9	60	242
8589	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
8590	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	<145.1	<30	255
8591	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		226
8592	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		227
8593	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	<147.5	<70	255
8594	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		227
8595	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
8596	C ₇ H ₁₆ O	Heptyl alcohol	176.15	A Nonazeotrope		255
8597	C ₈ H ₈	Styrene	145.8	<145.0	....	255

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		
		Name		B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₁I	1-Iodo-3-methylbutane	147.65			
		<i>(continued)</i>				
8598	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		218
8599	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		227
8600	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	146.5	58	218
8601	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		239
8602	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		255
8603	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
8604	C ₁₀ H ₁₆	α -Pinene	155.8	<147.4	>80	255
A =	C₅H₁₁N	Piperidine	106.4			
8605	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		255
8606	C ₇ H ₈	Toluene	110.7	Min. b.p.		203
8607	C ₇ H ₁₄	Methylcyclohexane	100	Min. b.p.		96
8608	C ₇ H ₁₆	Heptane	98.4	<97.5	>9	255
A =	C₅H₁₁NO₂	Ethyl-N-ethylamino Formate				
8609	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	167.0	24.2	235
8610	C ₈ H ₁₈ S	Isobutyl sulfide	172	166.5	23	235
A =	C₅H₁₁NO₂	Isoamyl Nitrite	97.15			
8611	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
8612	C ₆ H ₆	Benzene	80.15	Nonazeotrope		230
8613	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		230
8614	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		230
8615	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
8616	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		230
8617	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		230
8618	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		230
8619	C ₇ H ₈	Toluene	110.75	Nonazeotrope		230
8620	C ₇ H ₁₄	Methylcyclohexane	101.15	95.5	79	230
8621	C ₇ H ₁₆	Heptane	98.4	94.8	52	230
8622	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		230
8623	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		230
8624	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		230
A =	C₅H₁₁NO₃	Isoamyl Nitrate	149.75			
8625	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	<143.5	>57	240
8626	C ₆ H ₁₂ O ₃	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		240
8627	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		240
8628	C ₆ H ₁₂ O	Cyclohexanol	160.8	<148	...	240
8629	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		240
8630	C ₆ H ₁₂ Br	1-Bromoheptane	156.5	<148.5	<80	240
8631	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<148.0	>11	240
8632	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		236
8633	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		240
8634	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		227
8635	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		237
8636	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		240
8637	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	148.5	55	229
8638	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207
8639	C ₈ H ₈	Styrene	145.8	<145.6	<38	240
8640	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		207
8641	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		240
8642	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		229
8643	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	<147.5	<40	229
8644	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		240
8645	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		226
8646	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		237
8647	C ₁₀ H ₁₆	Camphene	159.6	149.0	72	240
8648	C ₁₀ H ₁₆	Nopinene	163.8	149.2	80	240
8649	C ₁₀ H ₁₆	α -Pinene	155.8	147.75	65	240
8650	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<148.6	<83	240
A =	C₅H₁₂	2-Methylbutane	27.95			
8651	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		244
8652	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		233

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₂	Pentane	36.15			
8653	C ₆ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		255
8654	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
A =	C₅H₁₂O	Amyl Alcohol	138.2			
8655	C ₆ H ₅ Cl	Chlorobenzene	131.75	126.2	25	247
8656	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
8657	C ₆ H ₅ O	Phenol	182.2	Nonazeotrope		255
8658	C ₆ H ₁₀ S	Allyl sulfide	139.35	<134.5	>42	246
8659	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
8660	C ₆ H ₁₂ O ₂	Amyl formate	132	131.4	43	150
8661	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		207
8662	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		255
8663	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		255
8664	C ₆ H ₁₂ O ₃	Paraldehyde	123.9	Nonazeotrope		256
8665	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		328
8666	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
8667	C ₇ H ₁₄	Methylcyclohexane	101.15	<101.0	...	255
8668	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		228
8669	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		150
8670	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	<133.5	>19	255
8671	C ₈ H ₁₀	Ethylbenzene	136.15	129.8	40	247
8672	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	57.5	20	26
8673	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	131.3	42	247
8674	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.2	20	247
8675	C ₈ H ₁₈ O	Butyl ether	142.1	134.5	50	256
8676	C ₈ H ₁₈ O	Isobutyl ether	122.2	121.2	10	256
8677	C ₁₀ H ₂₂ O	Amyl ether	188	Nonazeotrope		307
8678	C ₁₁ H ₂₄ O ₂	Diamyloxymethane	221.6	Nonazeotrope		131
8679	C ₁₂ H ₂₆ O ₂	Acetaldehyde diamyl acetal	225.3	Nonazeotrope		20
A =	C₅H₁₂O	<i>tert</i>-Amyl Alcohol	102.35			
8680	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		207
8681	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		255
8682	C ₆ H ₆	Benzene	80.2	~80.0	~15	217
8683	C ₆ H ₈	1,3-Cyclohexadiene	80.4	79.7	~15	221
8684	C ₆ H ₁₀	Cyclohexene	82.7	80.8	17	217
8685	C ₆ H ₁₂	Cyclohexane	80.75	78.5	16	217
8686	C ₆ H ₁₂	Methylcyclopentane	72.0	71.5	5	255
8687	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
8688	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		255
8689	C ₆ H ₁₄	Hexane	68.9	68.3	4	217
8690	C ₆ H ₁₄ O	Propyl ether	90.4	88.8	20	225
8691	C ₇ H ₈	Toluene	110.7	100.5	56	23, 217*
8692	C ₇ H ₁₄	Methylcyclohexane	100.8	92.0	40	23, 251*
8693	C ₇ H ₁₆	Heptane	98.45	92.2	26.5	225, 251*
8694	C ₈ H ₁₀	Ethylbenzene 60 mm.	136.15 60.5	Nonazeotrope 45	83	217 26
8695	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		220
8696	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
8697	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	100.1	68	247
8698	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	97.0	50	247
8699	C ₈ H ₁₈	Octane	125.75	101.1	75	247
8700	C ₈ H ₁₈ O	Isobutyl ether	122.1	Min. b.p.		256
8701	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		217
A =	C₅H₁₂O	Ethyl Propyl Ether	63.6			
8702	C ₆ H ₁₀	Biallyl	60.1	<60.0	>5	238
8703	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		238
8704	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		238
8705	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		238
8706	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231
A =	C₅H₁₂O	Isoamyl Alcohol	131.9			
8707	C ₆ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		207
8708	C ₆ H ₅ Br	Bromobenzene	156.15	131.65	85	207
8709	C ₆ H ₅ Cl	Chlorobenzene	131.8	124.35	34	207
8710	C ₆ H ₆	Benzene	80.2	Nonazeotrope		431

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₂O	Isoamyl Alcohol (<i>continued</i>)	131.9			
8711	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		207
8712	C ₆ H ₆ S	Benzenethiol	169.5	Nonazeotrope		255
8713	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		207
8714	C ₆ H ₇ N	2-Picoline	130.7	>132.5	....	255
8715	C ₆ H ₇ N	3-Picoline	143.4	Nonazeotrope		255
8716	C ₆ H ₈	1,3-Cyclohexadiene	80.4	Nonazeotrope		255
8716a	C ₆ H ₉ N	N-Ethylpyrrol	130.4	<129.0	....	255
8717	C ₆ H ₁₀	Cyclohexene	82.7	Nonazeotrope		217
8718	C ₆ H ₁₀ O	Mesityl oxide	129.45	129.15	24	232
8719	C ₆ H ₁₀ S	Allyl sulfide	139.35	<131.5	....	207
8720	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	Nonazeotrope		255
8721	C ₆ H ₁₁ N	Capronitrile	163.9	Nonazeotrope		255
8722	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		217
8723	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		255
8724	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		207
8725	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.85	17.5	207
8726	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.6	Nonazeotrope		162
8727	C ₆ H ₁₂ O ₂	Isoamyl formate	124.2	123.6	25.5	150, 207*
8728	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		207
8729	C ₆ H ₁₂ O ₂	Propyl propionate	122.1	Nonazeotrope		212
8730	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		207
8731	C ₆ H ₁₂ O ₃	Paraldehyde	124	123.5	22	236
8732	C ₆ H ₁₄	2,3-Dimethylbutane	73.9	Nonazeotrope		255
8733	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		243
8734	C ₆ H ₁₄ S	Propyl sulfide	141.5	<130.5	<79	246
8735	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	Nonazeotrope		212
8736	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		207
8737	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		207
8738	C ₇ H ₈	Toluene	110.7	Nonazeotrope		23, 207*, 334*
8739	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		435
8740	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.2	Nonazeotrope		58
8741	C ₇ H ₁₄	Methylcyclohexane	100.8	98.2	13	23, 207*
8742	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		207
8743	C ₇ H ₁₄ O	Isoamyl vinyl ether	112.6	112.1	12	362
8744	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		207, 232
8745	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	130.5	58	207
8746	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		207
8747	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	129.1	97.4	247
			142	Nonazeotrope		150
8748	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	131.2	72	207
8749	C ₇ H ₁₄ O ₂	Propyl butyrate	143	Nonazeotrope		207
8750	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	130.2	53	207
8751	C ₇ H ₁₆	Heptane	98.45	97.7	7	207
8752	C ₈ H ₈	Styrene, 60 mm.	68	64.8	43	26
			145.8	128.5	63	217
8753	C ₈ H ₁₀	Ethylbenzene, 60 mm.	136.15	125.9	49	219
			60.5	58.5	26	26
8754	C ₈ H ₁₀	<i>m</i> -Xylene	139	125-126	52	243*, 334
8755	C ₈ H ₁₀	<i>o</i> -Xylene	142.6	127	>52	207*, 334
8756	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	125-126	52	221*, 334
8757	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
8758	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		255
8759	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	116.6	27	247
8760	C ₈ H ₁₆	6-Methyl-1-heptene, 751 mm.	....	109	18	306
8761	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
8762	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	107.6	15	247
8763	C ₈ H ₁₈	Octane	125.8	120.0	35	225
8764	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	99.0	5	255
8765	C ₈ H ₁₈ O	Butyl ether	142.1	129.8	65	207
8766	C ₈ H ₁₈ O	Isobutyl ether	122.1	119.8	22	207
8767	C ₉ H ₈	Indene	181.7	Nonazeotrope		217
8768	C ₉ H ₁₂	Cumene	152.8	131.6	94	217
8769	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		243
8770	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		207
8771	C ₉ H ₁₂	Pseudocumene	169	Nonazeotrope		243

No	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₂O	Isoamyl Alcohol (continued)	131.9			
8772	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
8773	C ₁₀ H ₁₄	Cymene	175.3		Nonazeotrope	243
8774	C ₁₀ H ₁₆	Camphene	159.6	130.9	24	207
8775	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope	243
8776	C ₁₀ H ₁₆	α -Phellandrene	171.5		Nonazeotrope	243
8777	C ₁₀ H ₁₆	α -Pinene	155.8	130.7	74	207
8778	C ₁₀ H ₁₆	Terpinolene	184.6		Nonazeotrope	255
8779	C ₁₀ H ₁₆	Thymene	179.7		Nonazeotrope	217
8780	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	129.7	~85	217
8781	C ₁₀ H ₂₂ O	Isoamyl ether	171		Nonazeotrope	427
8782	C ₁₂ H ₂₆ O ₂	Acetaldehyde diisoamyl acetal	213.6		Nonazeotrope	20
A =	C₅H₁₂O	2-Methyl-1-butanol	70/60 mm.			
8783	C ₈ H ₈	Styrene, 60 mm.	68	60	52	26
8784	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	56	33	26
A =	C₅H₁₂O	3-Methyl-2-butanol	112.9			
8785	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
8786	C ₆ H ₁₀	Cyclohexene	82.75	<82.5	>3.5	255
8787	C ₆ H ₁₄	Hexane	68.8		Nonazeotrope	255
8788	C ₇ H ₈	Toluene	110.75	<105.8	>38	255
8789	C ₇ H ₁₄	Methylcyclohexane	101.15	97.0	25	247
8790	C ₇ H ₁₆	Heptane	98.4	95.0	23	247
8791	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	51	62	26
8792	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<103.5	>32	255
A =	C₅H₁₂O	2-Pentanol	119.8			
8793	C ₆ H ₅ Cl	Chlorobenzene	131.75	<118.2	>55	247
8794	C ₆ H ₆	Benzene	80.15		Nonazeotrope	255
8795	C ₆ H ₇ N	2-Picoline	130.7		Nonazeotrope	255
8796	C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope	255
8797	C ₆ H ₁₀ O	Mesityl oxide	129.45		Nonazeotrope	207
8798	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	255
8799	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	255
8800	C ₆ H ₁₂ O	2-Hexanone	127.2		Nonazeotrope	232
8801	C ₆ H ₁₂ O ₂	Butyl acetate	126.0		Quasi-azeotrope	207
8802	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	<118.5	>47	247
8803	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1		Nonazeotrope	255
8804	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	116.5	32	247
8805	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	<115.8	>20	255
8806	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	118.5	52	255
8807	C ₆ H ₁₄	Hexane	68.8		Nonazeotrope	255
8808	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86-7		Nonazeotrope	105
8809	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73		Nonazeotrope	105
8810	C ₆ H ₁₄ S	Propyl sulfide	141.5		Nonazeotrope	246
8811	C ₇ H ₈	Toluene	110.75	107.0	28	247
8812	C ₇ H ₁₄	Methylcyclohexane	101.15	98.6	18	247
8813	C ₇ H ₁₆	Heptane	98.4	96.0	15	247
8814	C ₈ H ₈	Styrene, 60 mm.	68	60	69	26
8815	C ₈ H ₁₀	Ethylbenzene	136.15	118.0	67	191
8816	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	54	50	26
8817	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	118.3	70	255
8818	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<113.0	>38	247
8819	C ₈ H ₁₈	Octane	125.75	<114.8	<56	247
8820	C ₈ H ₁₈ O	Isobutyl ether	122.1	115.0	41	256
A =	C₅H₁₂O	3-Pentanol	116.0			
8821	C ₆ H ₆	Benzene	80.2		Nonazeotrope	217
8822	C ₆ H ₁₂	Cyclohexane	80.8	80.0	3	220
8823	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	<115.0	>35	232
8824	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope	217
8825	C ₆ H ₁₄ O	Propyl ether	90.4		Nonazeotrope	256
8826	C ₇ H ₈	Toluene	110.75	~106	~35	217
8827	C ₇ H ₁₄	Methylcyclohexane	101.1	97.4	23	217
8828	C ₇ H ₁₆	Heptane	98.4	96.0	20	247
8829	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	51	50	26
8830	C ₈ H ₁₈ O	Isobutyl ether	122.1	112	....	256

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₂O₂	Diethoxymethane	87.95			
8831	C ₆ H ₆	Benzene	80.15		Nonazeotrope	238
8832	C ₆ H ₁₂	Cyclohexane	80.75	80.1	17	207
8833	C ₆ H ₁₄	<i>n</i> -Hexane	68.8		Nonazeotrope	207
8834	C ₆ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope	255
8835	C ₆ H ₁₅ N	Triethylamine	89.35	<86.8	...	231
8836	C ₇ H ₁₄	Methylcyclohexane	101.15		Nonazeotrope	207
8837	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	87.8	96	238
A =	C₅H₁₂O₂	2-Propoxyethanol	151.35			
8838	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4		Nonazeotrope	236
8839	C ₆ H ₅ Br	Bromobenzene	156.1	148.2	48	236
8840	C ₆ H ₅ Cl	Chlorobenzene	131.75		Nonazeotrope	206
8841	C ₆ H ₅ I	Iodobenzene	188.45		Nonazeotrope	206
8842	C ₆ H ₆ O	Phenol	182.2	182.65	14	236
8843	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope	231
8844	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5		Nonazeotrope	207
8845	C ₆ H ₁₀ S	Allyl sulfide	139.35	<137.5	<20	246
8846	C ₆ H ₁₁ N	Capronitrile	163.9		Nonazeotrope	255
8847	C ₆ H ₁₂ O	Cyclohexanol	160.8		Nonazeotrope	206
8848	C ₆ H ₁₂ O ₂	Butyl acetate	126.0		Nonazeotrope	255
8849	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	151.25	87.5	236
8850	C ₆ H ₁₂ O ₃	Paraldehyde	124.35		Nonazeotrope	236
8851	C ₆ H ₁₂ O ₃	Propyl lactate	171.7		Nonazeotrope	255
8852	C ₆ H ₁₄ O ₂	Hexyl alcohol	157.85		Nonazeotrope	206
8853	C ₆ H ₁₄ O ₂	Pinacol	174.35		Nonazeotrope	255
8854	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162.2		Nonazeotrope	231
8855	C ₇ H ₆ O	Benzaldehyde	179.2		Nonazeotrope	206
8856	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	149.5	60	206
8857	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	149.7	70	236
8858	C ₇ H ₈	Toluene	110.75		Nonazeotrope	206
8859	C ₇ H ₈ O	Anisole	153.85	148.15	58	207
8860	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	236
8861	C ₇ H ₉ N	Benzylamine	185.0		Nonazeotrope	231
8862	C ₇ H ₉ N	<i>N</i> -Methylaniline	196.25		Nonazeotrope	206
8863	C ₇ H ₁₄ O	4-Heptanone	143.55		Nonazeotrope	232
8864	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2		Nonazeotrope	232
8865	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	<145.0	~20	255
8866	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7		Nonazeotrope	206
8867	C ₇ H ₁₄ O ₂	Ethyl valerate	145.75	144.0	22	236
8868	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5		Nonazeotrope	255
8869	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75		Nonazeotrope	207
8870	C ₈ H ₈	Styrene	145.8	140.5	37	247
8871	C ₈ H ₁₀	Ethylbenzene	136.15	134.5	20	236
8872	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	136.95	25.5	207
8873	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	140.5	35	206
8874	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	136.3	24	206
8875	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	206
8876	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	236
8877	C ₈ H ₁₁ N	<i>N</i> -Dimethylaniline	194.15		Nonazeotrope	255
8878	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	119.0	15	255
8879	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope	206
8880	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	149.0	62	206
8881	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	147.5	65	247
8882	C ₈ H ₁₈	Octane	125.75	122.8	18	206
8883	C ₈ H ₁₈ O	Butyl ether	142.4	138.5	37	206
8884	C ₈ H ₁₈ O	Isobutyl ether	122.3	<122.0	...	255
8885	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
8886	C ₉ H ₁₂	Cumene	152.8	147.0	50	206
8887	C ₉ H ₁₂	Mesitylene	164.6	149.4	68	206
8888	C ₉ H ₁₂	Propylbenzene	159.3	147.8	60	236
8889	C ₉ H ₁₂	Pseudocumene	168.2	150.2	82	255
8890	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3		Nonazeotrope	231
8891	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0		Nonazeotrope	232
8892	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
8893	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	236

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₂O₂	2-Propoxyethanol (continued)	151.35			
8894	C ₁₀ H ₁₈	Camphene	159.6	144	52	206
8895	C ₁₀ H ₁₆	Dipentene	177.7	148.5	68	247
8896	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	48	247
8897	C ₁₀ H ₁₆	α -Terpinene	173.4	148.0	65	247
8898	C ₁₀ H ₁₆	Terpinolene	184.6	<150.8	....	255
8899	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		256
8900	C ₁₀ H ₂₂	2,7-Dimethylhexane	160.1	143.7	52	207
8901	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		255
8902	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	150.1	77	256
A =	C₅H₁₂O₃	2-(2-Methoxyethoxy)ethanol	192.95			
8903	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		254
8904	C ₆ H ₆ O	Phenol	182.2	199.65	61	256
8905	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		251
8906	C ₆ H ₈ O ₄	Methyl fumarate	193.25	185.5	44	206
8907	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		255
8908	C ₆ H ₁₀ O ₄	Glycol diacetate	186.0	181.5	30	247
8909	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	<192.7	....	254
8910	C ₇ H ₅ N	Benzonitrile	191.1	<190.5	....	255
8911	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		254
8912	C ₇ H ₈ O	Benzyl alcohol	205.25	<192.5	....	255
8913	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	201.5	52	207
8914	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	208.0	30	206
8915	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		206
8916	C ₇ H ₉ N	Benzylamine	185.0	Nonazeotrope		255
8917	C ₇ H ₉ N	Methylaniline	196.25	190.0	60	251
8918	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	187.0	55	255
8919	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		255
8920	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	Nonazeotrope		255
8921	C ₈ H ₈ O	Acetophenone	202.0	191.9	80	207
8922	C ₈ H ₈ O ₂	Methyl benzoate	199.4	188.8	50	206
8923	C ₈ H ₈ O ₂	Phenyl acetate	195.7	188.6	45	206
8924	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		255
8925	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
8926	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		255
8927	C ₈ H ₁₁ N	Dimethylaniline	194.15	184.85	49	251
8928	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
8929	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		255
8930	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		253
8931	C ₉ H ₈	Indene	182.3	177.5	30	117*, 247
8932	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
8933	C ₉ H ₁₂	<i>m</i> -Ethyltoluene	161.3	....	~8	259
8934	C ₉ H ₁₂	<i>o</i> -Ethyltoluene	165.1	....	~16	383
8935	C ₉ H ₁₂	<i>p</i> -Ethyltoluene	162.0	....	~9	383
8936	C ₉ H ₁₂	Mesitylene	164.6	162.5	13	255, 383*
8937	C ₉ H ₁₂	Pseudocumene	168.2	....	~15	383
8938	C ₉ H ₁₂	1,2,3-Trimethylbenzene	176.1	....	~26	383
8939	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<183.2	....	255
8940	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	<183.0	....	251
8941	C ₉ H ₁₃ N	Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		255
8942	C ₉ H ₁₄ O	Phorone	197.8	190.5	<75	252
8943	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	176.55	22	207
8944	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	<170.5	....	255
8945	C ₁₀ H ₈	Naphthalene	218.0	192.2	89	256
8946	C ₁₀ H ₁₄	Butylbenzene	183.1	178.5	33	206
8947	C ₁₀ H ₁₄	<i>sec</i> -Butylbenzene	173.1	....	~17	383
8948	C ₁₀ H ₁₄	<i>tert</i> -Butylbenzene	168.5	....	~14	383
8949	C ₁₀ H ₁₄	Cymene	176.7	172.0	27	255
8950	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		251
8951	C ₁₀ H ₁₆	Dipentene	177.7	168.5	33	255
8952	C ₁₀ H ₁₆	Nopinene	163.8	159.0	~22	255
8953	C ₁₀ H ₁₆	α -Pinene				
8953	C ₁₀ H ₁₆	α -Terpinene	173.4	166.0	30	255
8954	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		252
8955	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		206

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₅H₁₂O₂	2-(2-Methoxyethoxy)ethanol	192.95			
		<i>(continued)</i>				
8956	C ₁₀ H ₁₈ O	Cineole	176.35	173.0	22	236
8957	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
8958	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		255
8959	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
8960	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
8961	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	<185.0	<45	247
8962	C ₁₀ H ₂₂ O	Amyl ether	187.5	179.5	46	206
8963	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		255
8964	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	168.85	23	207
8965	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
8966	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	187.5	50	247
8967	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	190.0	65	247
A =	C₆H₁₂S	3-Methyl-1-butanethiol	~120			
8968	C ₆ H ₁₀ O	1-Hexene-5-one	129	Reacts		243
A =	C₆H₁₄OSi	Ethoxytrimethylsilane	75-76			
8969	C ₆ H ₆	Benzene	80.2	Min. b.p.		86
A =	C₆H₃Cl₃	1,3,5-Trichlorobenzene	208.4			
8970	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	~207.0	...	225
8971	C ₆ H ₆ O	Phenol	181.5	181.3	5	243
8972	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		224
8973	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		224
8974	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		255
8975	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		225
8976	C ₆ H ₁₂ O ₂	Caproic acid	205.2	204.0	57	223
8977	C ₇ H ₆ O ₂	Benzoic acid	250.8	Nonazeotrope		255
8978	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		234
8979	C ₇ H ₈ O	Benzyl alcohol	202.25	202.5	...	255
8980	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	200.5	40	222
8981	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		243
8982	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	200.2	40	222
8983	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
8984	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	<202.5	>25	255
8985	C ₇ H ₉ N	<i>p</i> -Toluidine	200.3	~199	...	243
8986	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Nonazeotrope		243
8987	C ₈ H ₈ O	Acetophenone	202	Nonazeotrope		243
8988	C ₈ H ₈ O ₂	Methyl benzoate	199.55	Nonazeotrope		243
8989	C ₈ H ₈ O ₂	Methyl salicylate	222.95	Nonazeotrope		228
8990	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	<207.5	...	255
8991	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
8992	C ₈ H ₁₁ N	Ethylaniline	206.5	203	65	243
8993	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
8994	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope		255
8995	C ₉ H ₁₀ O ₂	Benzyl acetate	215.6	Nonazeotrope ?		243
8996	C ₉ H ₁₀ O ₂	Ethyl benzoate	213	Nonazeotrope		243
8997	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		255
8998	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255
8999	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		224
9000	C ₁₀ H ₁₆ O	Camphor	209.1	211.5	52	231
9001	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		255
9002	C ₁₀ H ₁₈ O	Menthone	~207	~209.5	...	243
9003	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
9004	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	213.0	35	239
A =	C₆H₄BrCl	<i>p</i>-Bromochlorobenzene	196.4			
9005	C ₆ H ₆ O	Phenol	182.2	181.0	38	242
9006	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		231
9007	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4	Nonazeotrope		255
9008	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	<191.3	>46	255
9009	C ₆ H ₁₂ O ₂	Caproic acid	205.15	193.0	80	242
9010	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
9011	C ₇ H ₅ N	Benzonitrile	191.1	<190.5	<30	255
9012	C ₇ H ₈ O	Benzyl alcohol	205.25	194.0	...	255
9013	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	189.0	47	242

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₄BrCl	<i>p</i>-Bromochlorobenzene	196.4			
		<i>(continued)</i>				
9014	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	194.5	75	242
9015	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	194.6	...	255
9016	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	<195.2	>68	255
9017	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	<193.5	>40	255
9018	C ₈ H ₈ O	Acetophenone	202.0		Nonazeotrope	232
9019	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	255
9020	C ₈ H ₁₁ N	Dimethylaniline	194.15		Nonazeotrope	255
9021	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4		Nonazeotrope	255
9022	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	255
9023	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	239
9024	C ₉ H ₁₂ O	Phenyl propyl ether	190.5		Nonazeotrope	255
9025	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3		Nonazeotrope	231
9026	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2		Nonazeotrope	231
9027	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope	232
9028	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	255
A =	C₆H₄Br₂	<i>p</i>-Dibromobenzene	220.25			
9029	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5		Nonazeotrope	234
9030	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1		Nonazeotrope	234
9031	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	215.05	65	254
9032	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	210.45	22.5	234
9033	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.2	215.15	48	244
9034	C ₆ H ₆ O	Phenol	182.2		Nonazeotrope	215
9035	C ₆ H ₆ O ₂	Pyrocatechol	245.9	218.15	90	218
9036	C ₆ H ₆ O ₂	Resorcinol	281.4		Nonazeotrope	222
9037	C ₆ H ₁₂ O ₂	Caproic acid	205.15	203.4	42	244
9038	C ₇ H ₇ Cl ₃	α,α,α -Trichlorotoluene	220.9	219.6	72	229
9039	C ₇ H ₆ O ₂	Benzoic acid	250.5	219.5	96.2	218
9040	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	<217.4	<12	255
9041	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8		Nonazeotrope	234
9042	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	218.0	73	234
9043	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9		Nonazeotrope	234
9044	C ₇ H ₈ O	Benzyl alcohol	205.2	204.2	34.5	254
9045	C ₇ H ₈ O	<i>m</i> -Cresol	202.1	201.9	7	221
9046	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	218
9047	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	222
9048	C ₇ H ₈ O ₂	Guaiacol	205.05		Nonazeotrope	236
9049	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	244		Nonazeotrope	215
9050	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1		Nonazeotrope	231
9051	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35		Nonazeotrope	231
9052	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55		Nonazeotrope	231
9053	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	217.5	...	255
9054	C ₇ H ₁₄ O ₂	Enanthic acid	220.0	215.5	70	242
9055	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25		Nonazeotrope	255
9056	C ₈ H ₈ O ₂	α -Toluic acid	266.5		Nonazeotrope	255
9057	C ₈ H ₈ O ₃	Methyl salicylate	222.35	219.4	75	254
9058	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.5		Nonazeotrope	255
9059	C ₈ H ₁₀ O	3,4-Xylenol	226.8	218.65	75	250
9060	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	216.0	50	242
9061	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	215.0	67.5	254
9062	C ₈ H ₁₀ O	2,4-Xylenol	210.5	209.8	10	255
9063	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7		Nonazeotrope	215
9064	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	214.0	32	255
9065	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2		Nonazeotrope	255
9066	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope	231
9067	C ₈ H ₁₁ N	3,4-Xylidine	225.5	<219.9	<89	255
9068	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5		Nonazeotrope	228
9069	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	<216.5	<47	255
9070	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	<215.0	>25	227
9071	C ₈ H ₁₄ O ₄	Propyl oxalate	214	<213	<32	255
9072	C ₈ H ₁₆ O ₂	Caprylic acid	237.5	218.8	~90	221
9073	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
9074	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2		Nonazeotrope	255
9075	C ₉ H ₇ N	Quinoline	237.3		Nonazeotrope	233

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₆H₄Br₂	<i>p</i>-Dibromobenzene (continued)	220.25			
9076	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	220.15	95	232
9077	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
9078	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		218
9079	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		215
9080	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0	Nonazeotrope		228
9081	C ₉ H ₁₂ O	3-Phenylpropanol	220.25	<219.9	>85	255
9082	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		231
9083	C ₉ H ₁₃ O ₂	Pelargonic acid	254.0	Nonazeotrope		255
9084	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		254
9085	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		215
9086	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		227
9087	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		255
9088	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
9089	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
9090	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		222
9091	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		239
9092	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		231
9093	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
9094	C ₁₀ H ₁₈ O	Borneol	213.4	213.3	~18	215
9095	C ₁₀ H ₁₈ O	Geraniol	229.6	220.2	97	215
9096	C ₁₀ H ₁₈ O	α -Terpineol	217.8	Reacts		215
9097	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		215
			224.5	218.5	...	213
9098	C ₁₀ H ₂₀ O	Menthol	216.4	215.4	43	254
9099	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		255
9100	C ₁₀ H ₂₂ O	Decyl alcohol	~232.9	220.2	98	215
9101	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		239
9102	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.3	Nonazeotrope		228
9103	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		227
9104	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
9105	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		218
A =	C₆H₄ClNO₂	<i>m</i>-Chloronitrobenzene	235.5			
9106	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		234
9107	C ₆ H ₁₄ O ₃	Dipropylene glycol	229.2	<227.0	...	234
9108	C ₇ H ₅ Cl ₃	α,α,α -Trichlorotoluene	220.8	Nonazeotrope		234
9109	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		234
9110	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		255
9111	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		255
9112	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	<221.5	...	234
9113	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		234
9114	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	220.0	Nonazeotrope		234
9115	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		234
9116	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		231
9117	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		231
9118	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		234
9119	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		255
9120	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		234
9121	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		234
9122	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		234
9123	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		234
9124	C ₁₀ H ₁₄ O	Carvacrol	237.85	<235.4	...	234
9125	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		255
9126	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		234
9127	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.3	Nonazeotrope		255
9128	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		234
9129	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<231.8	...	234
9130	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		237
A =	C₆H₄ClNO₂	<i>o</i>-Chloronitrobenzene	246.0			
9131	C ₆ H ₆ O ₂	Pyrocatechol	245.9	243.5	...	234
9132	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		234
9133	C ₆ H ₁₄ O ₄	Triethylene glycol	288.7	Nonazeotrope		234
9134	C ₇ H ₅ O ₂	Benzoic acid	250.8	243.0	67	234
9135	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		234
9136	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		224
9137	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		234

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₄ClNO₂	<i>o</i>-Chloronitrobenzene (continued)	246.0			
9138	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		231
9139	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		231
9140	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		233
9141	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		234
9142	C ₁₀ H ₁₀ O ₂	Isosafrol	252.0	Nonazeotrope		234
9143	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		234
9144	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		234
9145	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		234
9146	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		234
9147	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		234
9148	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		234
9149	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		234
A =	C₆H₄ClNO₂	<i>p</i>-Chloronitrobenzene	239.1			
9150	C ₆ H ₆ O ₂	Pyrocatechol	247.9	238.6	82.5	234
9151	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		234
9152	C ₆ H ₁₄ O ₂	Dipropylene glycol	229.2	<228.3	<89	234
9153	C ₇ H ₆ O ₂	Benzoic acid	250.8	237.75	84	234
9154	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	238.85	33	234
9155	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		234
9156	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	<234.0	....	234
9157	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		255
9158	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		234
9159	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		231
9160	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		231
9161	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	<235.5	....	231
9162	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		233
9163	C ₉ H ₈ O	Cinnamyl aldehyde	253.5	Nonazeotrope		234
9164	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		234
9165	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	Nonazeotrope		223
9166	C ₁₀ H ₈ N	Quinaldine	246.5	Nonazeotrope		234
9167	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		234
9168	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		234
9169	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		233
9170	C ₁₀ H ₁₄ O	Carvacrol	237.85	237.4	....	234
9171	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		255
9172	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		234
9173	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		207
9174	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		234
9175	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		234
9176	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		234
9177	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	232.1	5?	234
9178	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		234
9179	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		234
A =	C₆H₄Cl₂	<i>o</i>-Dichlorobenzene	179.5			
9180	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		255
9181	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	173.6	52	242
9182	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
9183	C ₆ H ₆ O	Phenol	182.2	173.7	65	242
9184	C ₆ H ₇ N	Aniline	184.35	177.4	70	231
9185	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		207
9186	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4	175.5	58	232
9187	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		207
9188	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	<178.2	<82	255
9189	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		255
9190	C ₆ H ₁₂ O ₂	Caproic acid	205.15	179.0	92	244
9191	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	178.5	94	255
9192	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
9193	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	170.0	27	236
9194	C ₇ H ₆ O	Benzaldehyde	179.2	<178.5	>48	255
9195	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		255
9196	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		255
9197	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	179.1	85	255
9198	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		255
9199	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₄Cl₂	<i>o</i>-Dichlorobenzene (continued)	179.5			
9200	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255
9201	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
9202	C ₇ H ₁₆ O	Heptyl alcohol	176.15	173.5	45	247
9203	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		255
9204	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	179.6	~5	239
9205	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		239
9206	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
9207	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		255
9208	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
9209	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	177.7	58	247
9210	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255
9211	C ₉ H ₈	Indene	182.6	> 183.0	...	255
9212	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
9213	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		239
9214	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
9215	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
9216	C ₁₀ H ₁₆	Dipentene	177.7	177.5	>20	255
9217	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
9218	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
9219	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		239
9220	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
9221	C ₁₀ H ₁₉ N	Bornylamine	199.8	Nonazeotrope		255
9222	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
9223	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		239
9224	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		239
A =	C₆H₄Cl₂	<i>p</i>-Dichlorobenzene	174.4			
9225	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	195.0	Nonazeotrope		255
9226	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	171.0	65	242
9227	C ₆ H ₆ O	Phenol	182.2	171.05	74.8	235
9228	C ₆ H ₆ S	Benzenethiol	169.5	<168.2	<29	255
9229	C ₆ H ₇ N	Aniline	184.35	173.95	88	231
9230	C ₆ H ₁₀ O ₂	Ethyl acetoacetate	180.4	172.65	71	232
9231	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	174.25?	~5	215
9232	C ₆ H ₁₂ O	Cyclohexanol	160.8	160.2	...	251
9233	C ₆ H ₁₂ O ₂	Caproic acid	205.2	Nonazeotrope		221
9234	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	174.2	98	255
9235	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		206
9236	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	<170.0	<38	247
9237	C ₆ H ₁₄ O	Hexyl alcohol	157.85	157.65	...	251
9238	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.2	168.3	48	207
9239	C ₆ H ₁₄ O ₂	Pinacol	174.35	<167.0	<70	247
9240	C ₇ H ₅ N	Benzonitrile	191.1	Nonazeotrope		245
9241	C ₇ H ₆ O	Benzaldehyde	179.2	174.1	83	216
9242	C ₇ H ₈ O	Benzyl alcohol	205.2	Nonazeotrope		215
9243	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		216
9244	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		222
9245	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
9246	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	167.3	43	247
9247	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		218
9248	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207, 236
9249	C ₇ H ₁₆ O	Heptyl alcohol	176.15	171.2	65	247
9250	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		239
9251	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.65	Nonazeotrope		239
9252	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	177.07	~6	221
9253	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		218
9254	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
9255	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
9256	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
9257	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		227
9258	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
9259	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	171.4	...	227
9260	C ₈ H ₁₆ O ₂	Isoamyl propionate	164.4	Nonazeotrope		227
9261	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	Nonazeotrope		210
9262	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	173.85	78	244

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₆H₄Cl₂	<i>p</i>-Dichlorobenzene (continued)	174.4			
9263	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl) ether	186.0	Nonazeotrope		255
9264	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
9265	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	<171.0	<42	246
9266	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		244
9267	C ₉ H ₈	Indene	183.0	Nonazeotrope		221
9268	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
9269	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
9270	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		221
9271	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		239
9272	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
9273	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
9274	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		227
9275	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		225
9276	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.4	Nonazeotrope		218
9277	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		227
9278	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
9279	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
9280	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		218
9281	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.2	86	210
9282	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
9283	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		218
9284	C ₁₀ H ₁₆	α -Terpinene	173.4	173.15	50	207
9285	C ₁₀ H ₁₆	γ -Terpinene	183	Nonazeotrope		255
9286	C ₁₀ H ₁₆	Terpinene	181.5	Nonazeotrope		218
9287	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		255
9288	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		215
9289	C ₁₀ H ₁₈ O	Cineole	176.4	174.1	~80	239
9290	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		239
9291	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	172.1	36.5	235
A =	C₆H₅Br	Bromobenzene	132			
9292	C ₆ H ₅ Cl	Chlorobenzene	156	Nonazeotrope		243
9293	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	Nonazeotrope		255
9294	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
9295	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		222
9296	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		231
9297	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
9298	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	156.1	Nonazeotrope		232
9299	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	155.95	92.5	207
9300	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		207
9301	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
9302	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.5	Nonazeotrope		255
9303	C ₆ H ₁₂ O	Cyclohexanol	160.65	153.6	66.5	243
9304	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	155.45	63	236
9305	C ₆ H ₁₃ ClO ₂	Chloroacetal	156.8	~156	...	243
9306	C ₆ H ₁₄ O	Hexyl alcohol	157.95	151.6	66	218
9307	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	155.85	93.5	236
9308	C ₆ H ₁₄ O ₂	Pinacol	174.3	153.2	~85	212
			171.5	152	~86	243
9309	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		255
9310	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		229
9311	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
9312	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		243
9313	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		243
9314	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		255
9315	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		227
9316	C ₇ H ₁₄ O ₂	Methyl caproate	151.0	Nonazeotrope		227
9317	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		227
9318	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
9319	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
9320	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		239
9321	C ₈ H ₈	Styrene	145.8	Nonazeotrope		215
9322	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		243
9323	C ₈ H ₁₀	<i>m</i> -Xylene	139	Nonazeotrope		207, 243
9324	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		239
9325	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		227

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₆H₅Br	Bromobenzene (continued)	132			
9326	C ₈ H ₁₆ O ₂	Isoamyl propionate	~160.3	~155.2	~73	243
9327	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	155.2	...	255
9328	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		253
9329	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	154.5	57	253
9330	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		239
9331	C ₈ H ₁₈ O	sec-Octyl alcohol	178.7	Nonazeotrope		243
9332	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255
9333	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
9334	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		243
9335	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
9336	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		221
9337	C ₁₀ H ₁₆	Camphene	159.5	155.0	~56	208
9338	C ₁₀ H ₁₆	Nopinene	163.8	<155.9	>72	255
9339	C ₁₀ H ₁₆	α-Pinene	155.8	153.4	50	243
9340	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	155.9	~87	243
A =	C₆H₅BrO	o-Bromophenol	195.0			
9341	C ₆ H ₅ NO ₂	o-Nitrophenol	217.2	Nonazeotrope		255
9342	C ₇ H ₇ Br	p-Bromotoluene	185.0	183.8	20	255
9343	C ₇ H ₇ ClO	p-Chloroanisole	197.8	Nonazeotrope		255
9344	C ₇ H ₈ O	o-Cresol	191.1	189.8	25	255
9345	C ₇ H ₈ O	p-Cresol	201.7	194.0	20	255
9346	C ₈ H ₈ O	Acetophenone	202.0	212.5	52	255
9347	C ₈ H ₈ O ₂	Methyl benzoate	199.4	206.2	42	242
9348	C ₈ H ₈ O ₂	Phenyl acetate	195.7	205.0	50	242
9349	C ₈ H ₁₆ O	2-Octanone	172.85	198.5	...	255
9350	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		255
9351	C ₈ H ₁₈ O	Octyl alcohol	195.2	204.0	50	255
9352	C ₈ H ₁₈ O	sec-Octyl alcohol	180.8	Nonazeotrope		255
9353	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
9354	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
9355	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	214.2	15?	255
9356	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
9357	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	197.5	72	255
9358	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	Nonazeotrope		255
9359	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		255
9360	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
9361	C ₁₀ H ₁₆ O	Camphor	209.1	216.5	40	255
9362	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	203.0	54	42
9363	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		255
9364	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		255
9365	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<192.2	<25	255
9366	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		255
A =	C₆H₅Cl	Chlorobenzene	131.75			
9367	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		234
9368	C ₆ H ₆	Benzene	80.2	Nonazeotrope		243
9369	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		243
9370	C ₆ H ₇ N	Aniline, 95–380 mm.	...	Nonazeotrope, V-l.		83
			184.35	Nonazeotrope		231
9371	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		232
9372	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		207
9373	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
9374	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
9375	C ₆ H ₁₂ O ₂	Butyl acetate	124.8	Nonazeotrope		207
9376	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		255
9377	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		243
9378	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
9379	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		206
9380	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		255
9381	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		255
9382	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
9383	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
9384	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		232
9385	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		227
9386	C ₇ H ₁₄ O ₂	Isoamyl acetate	~138.8	Nonazeotrope		243
9387	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		227

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₅Cl	Chlorobenzene (continued)	131.75			
9388	C ₇ H ₁₄ O ₂	Propyl butyrate	143		Nonazeotrope	243
9389	C ₇ H ₁₆	Heptane	98.4		Nonazeotrope	207
9390	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	243
9391	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	207
9392	C ₈ H ₁₀	<i>p</i> -Xylene	138.2		Nonazeotrope	243
9393	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7		Nonazeotrope	255
9394	C ₈ H ₁₈	Octane	125.8		Nonazeotrope	243
9395	C ₈ H ₁₈ O	Butyl ether	142.2		Nonazeotrope	228
9396	C ₈ H ₁₈ O	Isobutyl ether	122.3		Nonazeotrope	239
A =	C₆H₅ClO	<i>o</i>-Chlorophenol	176.8			
9397	C ₆ H ₅ I	Iodobenzene	188.45	<176.0	<78	255
9398	C ₆ H ₆ O	Phenol	182.2	174.5	25	242
9399	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope	243
9400	C ₆ H ₇ N	3-Picoline	144	178-184	....	327
9401	C ₆ H ₇ N	4-Picoline	145	178-184	....	327
9402	C ₆ H ₁₂ O	Cyclohexanol	160.8		Nonazeotrope	255
9403	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4		Nonazeotrope	255
9404	C ₇ H ₇ Br	<i>α</i> -Bromotoluene	~198.5		Reacts	243
9405	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	171.5	~68	243
9406	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	<175.5	>64	242
9407	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35		Reacts	243
9408	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7		Nonazeotrope	255
9409	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	255
9410	C ₇ H ₉ N	2,6-Lutidine	144	178-184	....	327
9411	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1		Nonazeotrope	255
9412	C ₈ H ₈ O	Acetophenone	202.0	>204.5	....	255
9413	C ₈ H ₈ O ₂	Benzyl formate	203.0		Nonazeotrope	255
9414	C ₈ H ₈ O ₂	Phenyl acetate	195.7	197.0	12	255
9415	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	255
9416	C ₈ H ₁₆ O	2-Octanone	173	177	~75	243
9417	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
9418	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	183.5	25	255
9419	C ₈ H ₁₈ S	Butyl sulfide	185.0	175.0	82	246
9420	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	169.5	....	246
9421	C ₉ H ₈	Indene	182.4		Min. b.p.	117
9422	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5		Nonazeotrope	255
9423	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	255
9424	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	255
9425	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	188.0	38	242
9426	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	182.8	57	242
9427	C ₁₀ H ₁₄	Cymene	175.3	173.5	~50	243
9428	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	<175	....	243
9429	C ₁₀ H ₁₆	<i>α</i> -Pinene	155.8	<155.2	>5	255
9430	C ₁₀ H ₁₆	<i>α</i> -Terpinene	173.4	<169.5	>28	255
9431	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.0	30	255
A =	C₆H₅ClO	<i>p</i>-Chlorophenol	219.75			
9432	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	219.9	8	234
9433	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.2	<217.05	>7	255
9434	C ₆ H ₈ O ₄	Methyl fumarate	193.25	>221.0	<92	255
9435	C ₆ H ₈ O ₄	Methyl maleate	204.05	223.0	68	242
9436	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	>221.5	>88	255
9437	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	222.5	<90	228
9438	C ₇ H ₅ Cl ₃	<i>α,α,α</i> -Trichlorotoluene	220.9		Reacts	215
9439	C ₇ H ₅ Cl ₂	<i>α,α</i> -Dichlorotoluene	205.1		Reacts	243
9440	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7		Nonazeotrope	255
9441	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	212.0	22	242
9442	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8		Nonazeotrope	234
9443	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	223.2	43	234
9444	C ₇ H ₈ O	Benzyl alcohol	205.2		Nonazeotrope	255
9445	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	255
9446	C ₇ H ₈ O	<i>m</i> -Methoxyphenol	243.8		Nonazeotrope	255
9447	C ₇ H ₈ O ₂	Guaiacol	205.05		Nonazeotrope	215
9448	C ₈ H ₈ O	Acetophenone	202.0	224.5	85	255
9449	C ₈ H ₈ O ₂	Benzyl formate	202.3	221.4	75	228
9450	C ₈ H ₈ O ₂	Methyl benzoate	199.45	220.75	79	216

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₅ClO	<i>p</i>-Chlorophenol (continued)	219.75			
9451	C ₈ H ₈ O ₂	Phenyl acetate	195.7	220.2	~90	228
9452	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	Nonazeotrope		255
9453	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	227.7	52.5	254
9454	C ₈ H ₁₀ O	2,4-Xylenol	210.5	<210.0	....	255
9455	C ₈ H ₁₀ O	3,4-Xylenol	226.8	219.0	89	255
9456	C ₈ H ₁₀ O ₂	Veratrol	206.8	Nonazeotrope		255
9457	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		255
9458	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	222.0	70	255
9459	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	>230.5	<54	255
9460	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	232.5	53	242
9461	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	~231.8	....	209
9462	C ₈ H ₁₈ O	Octyl alcohol	195.15	Nonazeotrope		215
9463	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	235.4	52	232
9464	C ₉ H ₁₀ O	Propiophenone	217.7	230.2	....	232
9465	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	226.5	~55	209
9466	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	224.9	60	254
9467	C ₉ H ₁₂ O	Mesitol	220.5	217.2	58	242
9468	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		218
9469	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	Nonazeotrope		255
9470	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	>220.5	....	255
9471	C ₁₀ H ₈	Naphthalene	218.05	216.3	36.5	254
9472	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		255
9473	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		236
9474	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		255
9475	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	233.0	27	215
9476	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	234.5	25	228
9477	C ₁₀ H ₁₄ O	Carvone	231.0	238.3	<45	232
9478	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		255
9479	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		255
9480	C ₁₀ H ₁₆ O	Camphor	209.1	227.5	>75	232
9481	C ₁₀ H ₁₇ Cl	Bornyl chloride	~210	~206.5	....	243
9482	C ₁₀ H ₁₈ O	Borneol	213.2	222.5	52.5	209
9483	C ₁₀ H ₁₈ O	Geraniol	229.7	~230.7	~10	218
9484	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		215
9485	C ₁₀ H ₁₈ O	α -Terpineol	217.4	225.7	49.8	209
9486	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		255
9487	C ₁₀ H ₂₀ O	Citronellol	224	~227.5	~30	215
9488	C ₁₀ H ₂₀ O	Menthol	216.4	223.5	57.5	209
9489	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	223.2	65	242
9490	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope ?		228
9491	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	212.5	28	246
9492	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
9493	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		228
9494	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	242.7	7	228
9495	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	<215.9	<15	255
9496	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	235.3	22	228
9497	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		255
9498	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.4	214.7	18	228
9499	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	232.7	28	209
9500	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		255
A =	C₆H₅F	Fluorobenzene	85.2			
9501	C ₆ H ₅ I	Iodobenzene	188.55	Vapor pressure data		243
9502	C ₆ H ₆	Benzene	80.15	Nonazeotrope		255
9503	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		255
9504	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		255
9505	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		255
A =	C₆H₅I	Iodobenzene	188.55			
9506	C ₆ H ₅ N ₂ O	Nitrobenzene	210.75	Nonazeotrope		234
9507	C ₆ H ₆ O	Phenol	181.5	177.7	53	243
9508	C ₆ H ₇ N	Aniline	184.35	181.6	>40	231
9509	C ₆ H ₈ O ₄	Methyl fumarate	193.25	186.2	70	207
9510	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	178.0	52	232
9511	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	181.0	48	218
9512	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	<183.5	>42	242
9513	C ₆ H ₁₀ O ₄	Methyl succinate	195	~186.5	....	243

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₅I	Iodobenzene (continued)	188.55			
9514	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.8	<181.2	>82	255
9515	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.5		Nonazeotrope	255
9516	C ₆ H ₁₂ O	Cyclohexanol	160.65		Nonazeotrope	253
9517	C ₆ H ₁₂ O ₂	Caproic acid	205.15	186.8	88	244
9518	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	185.5	85	242
9519	C ₆ H ₁₄ O	Hexyl alcohol	157.85		Nonazeotrope	255
9520	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.17	<170.8	....	255
9521	C ₇ H ₅ N	Benzonitrile	191.1	<187.0	....	245
9522	C ₇ H ₆ O	Benzaldehyde	179.2		Nonazeotrope	255
9523	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3		Nonazeotrope	229
9524	C ₇ H ₈ O	Benzyl alcohol	205.2	187.75	88	215
9525	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	185	~32 ~53	243
9526	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	188.1	90	222
9527	C ₇ H ₉ N	Methylaniline	196.25		Nonazeotrope	231
9528	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1		Nonazeotrope	231
9529	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35		Nonazeotrope	231
9530	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55		Nonazeotrope	231
9531	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	<188	>80	227
9532	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	180.5	30	247
9533	C ₈ H ₈ O ₂	Methyl benzoate	199.45		Nonazeotrope	227
9534	C ₈ H ₈ O ₂	Phenyl acetate	195.7	<188.3	....	255
9535	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	239
9536	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	239
9537	C ₈ H ₁₁ N	<i>N,N</i> -Dimethylaniline	194.05	186.7	75	215
9538	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope	231
9539	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4		Nonazeotrope	255
9540	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	187.5	....	211
9541	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	178.4	....	211
9542	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
9543	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	239
9544	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3		Nonazeotrope	231
9545	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope	232
9546	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6		Nonazeotrope	227
9547	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5		Nonazeotrope	218
9548	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	185.5	~65	243
9549	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
9550	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	255
9551	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	255
9552	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	255
9553	C ₁₀ H ₁₆	Terpinene	181.5		Nonazeotrope	218
9554	C ₁₀ H ₁₆ O	Fenchone	193		Nonazeotrope	243
9555	C ₁₀ H ₁₈ O	Linaloöl	198.6		Nonazeotrope	212
9556	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	<188.3	>87	255
A =	C₆H₅NO₂	Nitrobenzene	210.75			
9557	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2		Nonazeotrope	234
9558	C ₆ H ₆	Benzene	80.15		Nonazeotrope	234
9559	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope, V-l.	231*, 235
9560	C ₆ H ₈ O ₄	Methyl maleate	204.05	203.9	7	207
9561	C ₆ H ₁₂ O ₂	Caproic acid	205.15	<202.5	<35	234
9562	C ₆ H ₁₄	<i>n</i> -Hexane	68.8		Nonazeotrope	234
9563	C ₆ H ₁₄ O	<i>n</i> -Hexanol	157.85		Nonazeotrope	234
9564	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15		Nonazeotrope	234
9565	C ₆ H ₁₄ O ₂	Pinacol	174.35		Nonazeotrope	256
9566	C ₇ H ₅ Cl ₃	α, α, α -Trichlorotoluene	220.8		Nonazeotrope	234
9567	C ₇ H ₅ Cl ₂	α, α -Dichlorotoluene	205.2		Nonazeotrope	234
9568	C ₇ H ₆ O	Benzaldehyde	179.2		Nonazeotrope	234
9569	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75		Nonazeotrope	243
9570	C ₇ H ₇ Cl	α -Chlorotoluene	179.35		Nonazeotrope	243
9571	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<208.8	....	234
9572	C ₇ H ₈	Toluene	110.7		Nonazeotrope	234
9573	C ₇ H ₈ O	Benzyl alcohol	205.25	204.2	38	234
9574	C ₇ H ₈ O	<i>m</i> -Cresol	202.2		Nonazeotrope	234
9575	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	234
9576	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	234
9577	C ₇ H ₈ O ₂	Guaiacol	205.05		Nonazeotrope	234

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₅NO₂	Nitrobenzene (continued)	210.75			
9578	C ₇ H ₉ N	Benzylamine	185.0	Nonazeotrope		231
9579	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
9580	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		231
9581	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		231
9582	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		231
9583	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		255
9584	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Nonazeotrope		234
9585	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	<209.5	<88	234
9586	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	Nonazeotrope		234
9587	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
9588	C ₈ H ₈ O ₂	Benzyl formate	203.0	Nonazeotrope		234
9589	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		255
9590	C ₈ H ₈ O ₂	Phenyl acetate	215.3	Nonazeotrope		234
9591	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		234
9592	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	220.0	Nonazeotrope		234
9593	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	210.6	92	234
9594	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		234
9595	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	207.5	>62	234
9596	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		234
9597	C ₈ H ₁₀ O ₂	Veratrol	206.8	<203.8	...	234
9598	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
9599	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		231
9600	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		231
9601	C ₈ H ₁₁ N	3,4-Xylidine	225.5	Nonazeotrope		231
9602	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		234
9603	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		234
9604	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	<210.6	...	234
9605	C ₈ H ₁₄ O ₄	Propyl oxalate	214.2	210.0	...	234
9606	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		234
9607	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		234
9608	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		234
9609	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		234
9610	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
9611	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		234
9612	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	210.6	81	234
9613	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		234
9614	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		255
9615	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	<210	...	231
9616	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		232
9617	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		234
9618	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		234
9619	C ₁₀ H ₁₆ N	Diethylaniline	217.05	210.72	97	231
9620	C ₁₀ H ₁₆ O	Camphor	208.9	208.4	35	243
9621	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		255
9622	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
9623	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	205.0	...	234
9624	C ₁₀ H ₁₈ O	Borneol	215.0	207.8	58	234
9625	C ₁₀ H ₁₈ O	Citronellal	208.0	207.0	22	234
9626	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		234
9627	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		234
9628	C ₁₀ H ₁₈ O	Menthone	206.5	Nonazeotrope		243
9629	C ₁₀ H ₁₈ O	α -Terpineol	218.85	209.7	78	234
9630	C ₁₀ H ₁₈ O	β -Terpineol	210.5	204.8	50	234
9631	C ₁₀ H ₂₀ O	Citronellol	224.5	Min. b.p.		254
9632	C ₁₀ H ₂₀ O	Menthol	216.3	208.35	67.3	234
9633	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	Nonazeotrope		234
9634	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	209.5	<93	234
9635	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	<209.2	<82	234
9636	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	208.6	75?	234
9637	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	206.5	>42	234
9638	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		234
9639	C ₁₂ H ₂₂ O	Ethyl bornyl ether	204.9	203.0	30	234
9640	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	202.5?	25?	234

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₅NO₂	<i>o</i>-Nitrophenol	217.25			
9641	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		222
9642	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		207
9643	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		255
9644	C ₆ H ₁₄ O ₂	Dipropylene glycol	229.2	215.0?	....	255
9645	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		255
9646	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	Nonazeotrope		255
9647	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	212.0	18	255
9648	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		234
9649	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		255
9650	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		222
9651	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
9652	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		224
9653	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		255
9654	C ₇ H ₁₄ O	2-Methylcyclohexano	168.5	Nonazeotrope		255
9655	C ₇ H ₁₆ O	Heptyl alcohol	176.16	Nonazeotrope		255
9656	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
9657	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		228
9658	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		255
9659	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		255
9660	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	Nonazeotrope		255
9661	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	214.0	59	247
9662	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
9663	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		255
9664	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		255
9665	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		255
9666	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		206
9667	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
9668	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	<216.9	<54	255
9669	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
9670	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
9671	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
9672	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		255
9673	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		255
9674	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
9675	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
9676	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		222
9677	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		255
9678	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		232
9679	C ₁₀ H ₈	Naphthalene	218.05	215.75	60	222
9680	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		228
9681	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		228
9682	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
9683	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		222
9684	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		255
9685	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
9686	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		255
9687	C ₁₀ H ₁₈ O	Borneol	213.4	211.9	~40	222
9688	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		255
9689	C ₁₀ H ₁₈ O	α -Terpineol	218.85	213.9	58	247
9690	C ₁₀ H ₁₈ O	β -Terpineol	210.5	209.0	22	247
9691	C ₁₀ H ₂₀ O	Citronellol	224.4	214.5	78	255
9692	C ₁₀ H ₂₀ O	Menthol	216.4	212.2	46	244
9693	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
9694	C ₁₀ H ₂₀ O ₂	Methyl pelargenate	213.8	Nonazeotrope		255
9695	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	216.5	90	255
9696	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	212.5	30	246
9697	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		255
9698	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
9699	C ₁₁ H ₂₀ O	Methyl α -terpineol ethe	216.2	215.9	28	255
9700	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.4	~214.3	<45	228
9701	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		228
9702	C ₁₃ H ₂₈	Tridecane	234.0	<215.0	<94	255
A =	C₆H₆	Benzene	80.15			
9703	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		231
9704	C ₆ H ₈	1,3-Cyclohexadiene	80.4	<79.9	....	241

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₆	Benzene (<i>continued</i>)	80.15			
9705	C ₆ H ₈	1,4-Cyclohexadiene	85.6	Nonazeotrope		242
9706	C ₆ H ₁₀	Cyclohexene	82.1	78.9	64.7, V-l.	153, 243*
9707	C ₆ H ₁₂	Cyclohexane, 40° C. 70° C.	184.5 543.6	206.1	48, V-l.	346
			80.6	77.7	51.8	269
			80.60	77.4	49.7, V-l.	325
		1204 mm.	....	....	53.65	
		93 mm.	....	....	46.70	35, 241*
9708	C ₆ H ₁₂	Methylcyclopentane	71.8	71.5	9.4, V-l.	145
		5 lb./sq. inch gage	....	....	9	283
		150 lb./sq. inch gage	....	....	14	203*, 241*, 283
9709	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		243
9710	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
9711	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		255
9712	C ₆ H ₁₄	Hexane	68.7	Nonazeotrope, V-l.		399
			69.0	68.5	4.7	175*, 241*, 269, 432*
9713	C ₆ H ₁₄ O	Hexyl alcohol	155	Nonazeotrope		93
9714	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		238
9715	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		218
9716	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		243
9717	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231
9718	C ₆ H ₁₅ NO	2-(Diethylamino)ethanol	162.2	Nonazeotrope		255
9719	C ₇ H ₈	Toluene	110.68	Nonazeotrope, b.p. curve		432
9720	C ₇ H ₁₆	2,2-Dimethylpentane	79.1	75.85	46.3	28
9721	C ₇ H ₁₆	2,3-Dimethylpentane	89.8	79.2	79.5	269
9722	C ₇ H ₁₆	2,4-Dimethylpentane	80.8	75.2	48.3, V-l.	28*, 269*, 325
9723	C ₇ H ₁₆	Heptane	98.4	80.1	99.3	269
			98.45	Nonazeotrope		207
9724	C ₇ H ₁₆	2,2,3-Trimethylbutane, 736 mm.	79.9	75.6	50.5, V-l.	153
			....	76.6	49.7	269
9725	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.2	80.1	97.7	269
9726	C ₉ H ₁₀ O ₂	Ethyl benzoate	213	Vapor pressure data		243
A =	C₆H₆O	Phenol	182.2			
9727	C ₆ H ₇ N	Aniline	184.35	186.2	42	231
9728	C ₆ H ₇ N	3-Picoline	143.0	185.5	76, V-l.	291
		600 mm.	135.3	178.0	74, V-l.	291
		400 mm.	121.0	166.3	71, V-l.	291
		200 mm.	99.9	146.2	32, V-l.	291, 326*
9729	C ₆ H ₇ N	4-Picoline	144.8	190	67.5, V-l.	291
		600 mm.	136.0	181.2	66, V-l.	291
		400 mm.	122.6	167.5	65, V-l.	291
		200 mm.	101.5	147.0	64.5, V-l.	291, 326*
9730	C ₆ H ₈ O ₄	Methyl fumarate	193.25	194.85	23	206
9731	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		207
9732	C ₆ H ₁₀ O	Cyclohexanone	....	184.5	72	116
			Composition independent of pressure			116
			155.7	Nonazeotrope		232
9733	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.7	188?	Reacts	243
9734	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	>182.5	<18	207
9735	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	189.5	41	222
9736	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	189.9	40	243
9737	C ₆ H ₁₀ O ₄	Methyl succinate	195	~197	....	243
9738	C ₆ H ₁₂ O	Cyclohexanol	160.7	183.0	87	254
			....	Nonazeotrope, V-l.		2, 116*
9739	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope		255
9740	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	184.9	72	236
9741	C ₆ H ₁₂ O ₄	Ethyl α-hydroxy isobutyrate	150	Nonazeotrope		255
9742	C ₆ H ₁₂ O ₃	Isopropyl acetate	167.5	184.8	73	222
9743	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	~185	~78	243
9744	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		255
9745	C ₆ H ₁₄ O	n-Hexyl alcohol	157.8	Nonazeotrope		216
9746	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	186.35	63	236

No.	Formula	B-Component	B.P., ° C	Azeotropic Data		
		Name		B.P., ° C	Wt. % A	Ref.
A =	C_6H_6O	Phenol (continued)	182.2			
9747	$C_8H_{14}O_2$	Pinacol	174.35	185.5	71	253
9748	$C_8H_{14}O_2$	2-(2-Ethoxyethoxy)ethanol	201.9	208.0	36	247
9749	C_7H_5N	Benzonitrile	191.1	192.0	80	245
9750	$C_7H_5Cl_2$	α,α -Dichlorotoluene	205.1	Reacts		243
9751	C_7H_6O	Benzaldehyde	179.2	185.6	51	243
9752	C_7H_7Br	α -Bromotoluene	198.5	Reacts		243
9753	C_7H_7Br	<i>m</i> -Bromotoluene	183.8	175.7	43	207
9754	C_7H_7Br	<i>o</i> -Bromotoluene	181.75	174.35	40	243
9755	C_7H_7Br	<i>p</i> -Bromotoluene	185	176.2	44	235
9756	C_7H_7Cl	α -Chlorotoluene	179.35	Reacts		243
9757	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	159.0	3	255
9758	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	161.5	~12	218
9759	C_7H_7ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		255
9760	C_7H_7I	<i>p</i> -Iodotoluene	215.0	Nonazeotrope		222
9761	C_7H_8	Toluene	110.75	Nonazeotrope		255
9762	C_7H_8O	Anisole	153.85	Nonazeotrope		224
9763	C_7H_8O	Benzyl alcohol	205.15	Nonazeotrope		253
9764	C_7H_8O	<i>m</i> -Cresol	202.2	Nonazeotrope		328
9765	C_7H_8O	<i>o</i> -Cresol	191.1	Nonazeotrope		328
9766	C_7H_8O	<i>p</i> -Cresol	201.7	Nonazeotrope		328
9767	C_7H_9N	Benzylamine	185.0	196.8	45	231
9768	C_7H_9N	2,6-Lutidine	143.3	185.5	72.5, V-l.	291
		600 mm.	134.5	178.5	71, V-l.	291
		400 mm.	121.0	163.5	67, V-l.	291
		200 mm.	100.8	143.5	64.5, V-l.	291, 326*
9769	C_7H_9N	Methylaniline	196.25	Nonazeotrope		231
9770	C_7H_9N	<i>m</i> -Toluidine	203.1	Nonazeotrope		231
9771	C_7H_9N	<i>o</i> -Toluidine	200.35	Nonazeotrope		231
9772	C_7H_9N	<i>p</i> -Toluidine	200.55	Nonazeotrope		231
9773	$C_7H_{11}O_4$	Ethyl malonate	198.6	Reacts		243
9774	$C_7H_{14}O$	2-Methylcyclohexanol	168.5	183.1	80	255
9775	$C_7H_{14}O_2$	Isobutyl lactate	182.15	189.05	~46	243
9776	$C_7H_{14}O_2$	1,3-Butanediol methyl ether acetate	171.75	187.0	55	207
9777	C_7H_{16}	Heptane	98.4	Nonazeotrope		255
9778	$C_7H_{16}O$	Heptyl alcohol	176.15	185.0	72	250
9779	C_8H_8	Styrene	145.8	Nonazeotrope		255
9780	C_8H_8O	Acetophenone	202.0	202.0	7.8	232
9781	$C_8H_8O_2$	Benzyl formate	202.4	Nonazeotrope		222
9782	$C_8H_8O_2$	Methyl benzoate	199.55	Nonazeotrope		243
9783	$C_8H_8O_2$	Phenyl acetate	195.7	196.6	~12	253
9784	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		255
9785	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		207
9786	C_8H_{10}	<i>o</i> -Xylene	142.6	Nonazeotrope		243
9787	$C_8H_{10}O$	Benzyl methyl ether	167.8	Nonazeotrope		255
9788	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	177.02	~3	221
9789	$C_8H_{10}O$	Phenetole	170.45	Nonazeotrope		222, 236
9790	$C_8H_{10}O_2$	Veratrol	206.8	Nonazeotrope		255
9791	$C_8H_{11}N$	Dimethylaniline	194.15	Nonazeotrope		231
9792	$C_8H_{11}N$	Ethylaniline	205.5	Nonazeotrope		231
9793	$C_8H_{14}O$	Methylheptenone	173.2	184.6	67	232
9794	$C_8H_{16}O$	2-Octanone	172.85	184.5	68	232
9795	$C_8H_{16}O_2$	Butyl butyrate	166.4	Nonazeotrope		255
9796	$C_8H_{16}O_2$	Ethyl caproate	167.85	Nonazeotrope		222
9797	$C_8H_{16}O_2$	Isoamyl propionate	160.3	Nonazeotrope		211
9798	$C_8H_{16}O_3$	Isoamyl lactate	202.4	~203.5	12	222
9799	C_8H_{18}	Octane	125.75	Nonazeotrope		255
9800	$C_8H_{18}O$	Butyl ether	142.4	Nonazeotrope		236
9801	$C_8H_{18}O$	<i>n</i> -Octyl alcohol	195.15	195.4	13	253
9802	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	179.0	184.5	50	215
9803	$C_8H_{18}S$	Butyl sulfide	172.0	<170.5	<28	246
9804	$C_8H_{18}S$	Isobutyl sulfide	172	<170.5	<28	235
9805	$C_8H_{20}SiO_4$	Ethyl silicate	165	Nonazeotrope		243
9806	C_9H_8	Indene	182.2	173.2	45	253
			183.0	177.8	47	221
9807	$C_9H_{10}O$	Propiophenone	217.7	Nonazeotrope		232

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₆O	Phenol (<i>continued</i>)	182.2			
9808	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
9809	C ₉ H ₁₂	Mesitylene	164.6	163.5	21	255
9810	C ₉ H ₁₂	Propylbenzene	158.9	158.0	~4	222
9811	C ₉ H ₁₂	Pseudocumene	168.2	166.0	25	222
9812	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<181.9	<93	255
9813	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	Nonazeotrope		222
9814	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	180.6	69.5	231
9815	C ₉ H ₁₄ O	Phorone	197.8	198.8	18	232
9816	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	183.4	80	232
9817	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	184.0	70	242
9818	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	190.0	12	242
9819	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	185.0	~58	253
9820	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
9821	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	182.8	92	253
			171.2	Nonazeotrope		244
9822	C ₉ H ₁₈ O ₂	Isobutyl valerate	171.35	Nonazeotrope		222
9823	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	192.5	26	243
9824	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		243
9825	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		255
9826	C ₁₀ H ₁₄	Butylbenzene	183.1	175.0	46	242
9827	C ₁₀ H ₁₄	Cymene	176.7	~170.5	37	222
9828	C ₁₀ H ₁₆	Camphene	159.6	156.1	22	210
9829	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	169.0	40.5	243
9830	C ₁₀ H ₁₆	Nopinene	163.8	~159	~25	243
9831	C ₁₀ H ₁₆	α -Phellandrene	171.5	165	35	243
9832	C ₁₀ H ₁₆	α -Pinene	155.8	152.75	19	243
9833	C ₁₀ H ₁₆	α -Terpinene	173.4	166.7	36	242
9834	C ₁₀ H ₁₆	Terpinene	181.5	171.5	45	222
9835	C ₁₀ H ₁₆	Terpinolene	185	173	~62	243
9836	C ₁₀ H ₁₆	Terpinolene	184.6	172.8	46	242
9837	C ₁₀ H ₁₆	Thymene	179.7	172.25	40	210
9838	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
9839	C ₁₀ H ₁₆ O	Carvenone	234.5	Max. b.p.		243
9840	C ₁₀ H ₁₆ O	Fenchone	193.6	196.2	25	232
9841	C ₁₀ H ₁₈	Menthene	170.5	~164	~33	243
9842	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		243
9843	C ₁₀ H ₁₈ O	Cineole	176.4	182.85	72	208
9844	C ₁₀ H ₁₈ O	1,4-Cineole, 100 mm.	105-106	119.3-120	88.7	178
9845	C ₁₀ H ₁₈ O	1,8-Cineole, 100 mm.	107.9	121-121.2	67	178
9846	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		215
9847	C ₁₀ H ₁₈ O	Menthone	~206	Nonazeotrope		243
9848	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
9849	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		255
9850	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		255
9851	C ₁₀ H ₂₀ O	Menthol	212	Nonazeotrope		243
9852	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	Nonazeotrope		244
9853	C ₁₀ H ₂₂	Decane	173.3	168.0	35	242
9854	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	159.5	6	224
9855	C ₁₀ H ₂₂ O	Amyl ether	187.5	180.2	78	242
9856	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.2	15	236
9857	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		246
9858	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		236
9859	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		243
A =	C₆H₆O₂	Pyrocatechol	245.9			
9860	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		255
9861	C ₆ H ₁₄ O ₃	Dipropylene glycol	229.2	253.0	~88	255
9862	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2	Reacts		222
9863	C ₇ H ₆ O ₂	Benzoic acid	250.5	245.85	98	218
9864	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		255
9865	C ₇ H ₇ I	<i>p</i> -Iodotoluene	215.0	214.0	7	222
9866	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		234
9867	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		234
9868	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	238.7	11	234
9869	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	241.5	....	222
9870	C ₈ H ₇ N	Indole	253.5	255.0	15	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₆O₂	Pyrocatechol (<i>continued</i>)	245.9			
9871	C ₈ H ₈ O ₂	Anisaldehyde	249.5	253	25	236
9872	C ₈ H ₈ O ₂	α -Toluic acid	266.5	Nonazeotrope		255
9873	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	231.5	20	255
9874	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		229
9875	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	246.0	92	231
9876	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	253.8	34	231
9877	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
9878	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		255
9879	C ₉ H ₇ N	Quinoline	237.4	257.9	61	244
9880	C ₉ H ₈ O	Cinnamaldehyde	253.5	Nonazeotrope		225
9881	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		255
9882	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	246.3	87.5	232
9883	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0	Nonazeotrope		218
9884	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		255
9885	C ₉ H ₁₆ O ₂	Pelargonic acid	254.0	Nonazeotrope		255
9886	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	245.5	~80	222
9887	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	241.0	59	222
9888	C ₁₀ H ₈	Naphthalene	218.05	217.45	11.5	218
9889	C ₁₀ H ₉ N	Quinaldine	246.5	252.5	48	255
9890	C ₁₀ H ₁₀ O ₂	Isasafrole	252.0	243.0	70	224
9891	C ₁₀ H ₁₀ O ₃	Methyl cinnamate	261.9	Nonazeotrope		222
9892	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.55	23	216
9893	C ₁₀ H ₁₂ O	Anethole	235.7	233.0	25	242
9894	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		253
9895	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	245.85	98.5	218
9896	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.9	Nonazeotrope		218
9897	C ₁₀ H ₁₄ O	Carvacrol	237.85	236.7	30	255
9898	C ₁₀ H ₁₄ O	Carvone	231.0	248.3	71	232
9899	C ₁₀ H ₁₄ O	Thymol	232.9	232.2	17	229
9900	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	<233.5	<29	255
9901	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		255
9902	C ₁₀ H ₁₆ O	Pulegone	223.8	246.5	90	232
9903	C ₁₀ H ₁₈ O	Geraniol	229.7	Reacts		
				Nonazeotrope		222
9904	C ₁₀ H ₂₀ O ₂	Capric acid	268.8	Nonazeotrope		255
9905	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	Nonazeotrope		253
9906	C ₁₁ H ₁₆	1-Methylnaphthalene	244.9	235.1	40	216
9907	C ₁₁ H ₁₆	2-Methylnaphthalene	241.15	233.25	37	207
9908	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		255
9909	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope		218
9910	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	Nonazeotrope		222
9911	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		222
9912	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		218
9913	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
9914	C ₁₁ H ₂₀ O	α -Terpineol methyl ether	216.2	Nonazeotrope		222
9915	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		222
9916	C ₁₂ H ₁₀	Acenaphthene	277.9	245.25	84	222
9917	C ₁₂ H ₁₀	Biphenyl	255.9	239.85	56.5	222
9918	C ₁₂ H ₁₀ O	Phenyl ether	259.3	242.0	59.3	218
9919	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		222
9920	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.7	...	222
9921	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		222
9922	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		224
9923	C ₁₃ H ₁₀	Fluorene	295	Nonazeotrope		255
9924	C ₁₃ H ₁₂	Diphenyl methane	265.6	243.05	65	216
9925	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		255
9926	C ₁₃ H ₂₆	Tridecane	234.0	229.7	30	222
9927	C ₁₄ H ₁₄	1,2-Diphenylethane	284.9	Nonazeotrope		222
A =	C₆H₆O₂	Resorcinol	281.4			
9928	C ₆ H ₆ O ₃	Pyrogallol	309	Nonazeotrope		255
9929	C ₇ H ₇ N O ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		255
9930	C ₈ H ₈ O ₂	α -Toluic acid	266.5	Nonazeotrope		221
9931	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		231
9932	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		224
9933	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		255

No.	Formula	B-Component Name	B.P., ° C.	Azeotropic Data		Ref.
				B.P., ° C.	Wt. % A	
A =	C₆H₆O₂	Resorcinol (<i>continued</i>)	281.4			
9934	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		224
9935	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	266.3	45	222
9936	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	255.8	26	222
9937	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		218
9938	C ₁₀ H ₈ O	1-Naphthol	288.0	280.2	70	255
9939	C ₁₀ H ₈ O	2-Naphthol	295	280.8	85	255
9940	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		222
9941	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		218
9942	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	287.5	38	224
9943	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		222
9944	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.5	Nonazeotrope		222
9945	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		255
9946	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		255
9947	C ₁₀ H ₂₀ O ₇	Capric acid	268.8	Nonazeotrope		255
9948	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.1	14.5	218
9949	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.05	10.5	207
9950	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		222
9951	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope		222
9952	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		224
9953	C ₁₁ H ₁₆ O	<i>p</i> -tert-Amylphenol	266.5	265.8	15	255
9954	C ₁₂ H ₁₀	Acenaphthene	277.9	266.2	41	222
9955	C ₁₂ H ₁₀	Biphenyl	255.9	252.15	21	222
9956	C ₁₂ H ₁₀ O	Phenyl ether	259.3	255.65	23	236
9957	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		218
9958	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		222
9959	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	282.5	85	224
9960	C ₁₃ H ₁₀	Fluorene	295.0	274.0	48	242
9961	C ₁₃ H ₁₂	Diphenylmethane	265.6	258.95	26	216
9962	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	<275.0	<83	242
9963	C ₁₃ H ₂₈	Tridecane	234.0	233.25	12	222
9964	C ₁₄ H ₁₂	Stilbene	306.5	277.5	56	242
9965	C ₁₄ H ₁₄	1,2-Diphenylethane	284.9	269.7	47	222
A =	C₆H₆O₃	Pyrogallol	309			
9966	C ₁₀ H ₈ O	2-Naphthol	295.0	293.5	78	255
9967	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	<240.6	<6	255
9968	C ₁₂ H ₁₀	Acenaphthene	277.9	272.8	20	242
9969	C ₁₂ H ₁₀	Biphenyl	256.1	253.5	10	242
9970	C ₁₃ H ₁₂	Diphenylmethane	265.4	<263.5	>11	242
9971	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	<283.5	<20	255
A =	C₆H₆S	Benzenethiol	169.5			
9972	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	<161.5	79	246
9973	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	~155	~15?	243
9974	C ₁₀ H ₁₆	Camphene	~158	Reacts		243
9975	C ₁₀ H ₁₆	α -Phellandrene	171.5	Reacts		243
9976	C ₁₀ H ₁₆	α -Pinene	155.8	Reacts		243
9977	C ₁₀ H ₁₈	Menthene	170.8	Reacts		243
A =	C₆H₇N	Aniline	184.35			
9978	C _{<i>n</i>} H _{2<i>n</i>-6}	Aromatic hydrocarbons	160-175	Min. b.p.		89
9979	C _{<i>n</i>} H _{2<i>n</i>+2}	Paraffins	160-175	Min. b.p.		89
9980	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		231
9981	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.0	~181.5	~40	243
9982	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.4	Nonazeotrope		231
9983	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		231
9984	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		231
9985	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	Nonazeotrope		231
9986	C ₆ H ₁₄ O	<i>n</i> -Hexyl alcohol	157.85	Nonazeotrope		231
9987	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		231
9988	C ₆ H ₁₄ O ₂	Pinacol	174.35	172.0	45	231
9989	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy)ethanol	201.9	Nonazeotrope		255
9990	C ₆ H ₁₅ NO	2-Diethylamincethanol	162.2	Nonazeotrope		231
9991	C ₇ H ₅ N	Benzonitrile	191.1	Nonazeotrope		245
9992	C ₇ H ₆ O	Benzaldehyde	179.2	Reacts		243
9993	C ₇ H ₇ Br	α -Bromotoluene	198.5	Reacts		243
9994	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	179.9	39	231

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₇N	Aniline (continued)	184.35			
9995	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	178.45	35	231
9996	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	180.2	44	231
9997	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Reacts		243
9998	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		231
9999	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		231
10000	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		231
10001	C ₇ H ₈	Toluene	110.75	Nonazeotrope		231
10002	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		231
10003	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		231
10004	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		231
10005	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.25	8	231
10006	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		231
10007	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		231
10008	C ₇ H ₉ N	Benzylamine	185.0	185.55	44	243
10009	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		231
10010	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	168	...	256
10011	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	~180	...	243
10012	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		207
10013	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	175.4	22	231
10014	C ₈ H ₈	Styrene	145.8	Nonazeotrope		231
10015	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		231
10016	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		231
10017	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
10018	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		231
10019	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		231
10020	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		231
10021	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		231
10022	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		231
10023	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		231
10024	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		231
10025	C ₈ H ₁₄ O	Methylheptenone	173.2	Reacts		215
10026	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		231
10027	C ₈ H ₁₆ O	2-Octanone	~173	Nonazeotrope		243
10028	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		231
10029	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		231
10030	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		231
10031	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	183.95	83	231
10032	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	179.0	36	231
10033	C ₉ H ₈	Indene	182.6	179.75	41.5	231
10034	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		231
10035	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		89*, 231
10036	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		231
10037	C ₉ H ₁₂	Pseudocumene	168.2	<167.8	<13	231
10038	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	179.8	51	231
10039	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	<183.5	<82	231
10040	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.3	180.55	51.5	229
10041	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
10042	C ₁₀ H ₁₄	Butylbenzene	183.1	177.8	46	231
10043	C ₁₀ H ₁₄	Cymene	176.7	173.5	27	231
10044	C ₁₀ H ₁₆	Camphene	159.6	157.5	13	231
10045	C ₁₀ H ₁₆	Dipentene	177.7	171.3	39	231
10046	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171.35	38.8	243
10047	C ₁₀ H ₁₆	Nopinene	163.8	161.8	23	231
10048	C ₁₀ H ₁₆	α -Phellandrene	171.5	167	~30	243
10049	C ₁₀ H ₁₆	α -Pinene	155.8	155.25	15	231
10050	C ₁₀ H ₁₆	α -Terpinene	173.4	169.5	32	231
10051	C ₁₀ H ₁₆	γ -Terpinene	181.5	174	~42	218
10052	C ₁₀ H ₁₆	Terpinolene	184.6	175.8	52	231
10053	C ₁₀ H ₁₆	Thymene	179.7	173.5	41	212
10054	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		231
10055	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		243
10056	C ₁₀ H ₁₈	<i>d</i> -Menthene	170.8	<167.5	<34	231
10057	C ₁₀ H ₁₈ O	Cineole	176.35	174.65	30	231
10058	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		231
10059	C ₁₀ H ₁₈ O	β -Terpineol	210.75	Nonazeotrope		231
10060	C ₁₀ H ₂₂	<i>n</i> -Decane	173.3	<169.5	<36	231

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₈N	Aniline (<i>continued</i>)	184.35			
10061	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<159.5	<22	231
10062	C ₁₀ H ₂₂ O	Amyl ether	187.5	177.5	55	231
10063	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	169.35	28	231
10064	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207, 231*
10065	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<183.8	<80	231
			192.2	Nonazeotrope		243
10066	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		230
10067	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		255
A =	C₆H₇N	Picolines	....		
10068	C ₈ H ₈	Styrene	145	Min. b.p.		99
10069	C ₈ H ₁₀	Ethylbenzene	136	Min. b.p.		99
10070	C ₈ H ₁₀	Xylenes	140	Min. b.p.		99
A =	C₆H₇N	2-Picoline	130.7			
10071	C ₆ H ₁₀ S	Allyl sulfide	139.35	<130.2	<95	255
10072	C ₆ H ₁₄ S	Propyl sulfide	141.5	129.8	90	255
10073	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	Nonazeotrope		255
A =	C₆H₇N	3-Picoline	144.0			
10074	C ₆ H ₁₀ S	Allyl sulfide	139.35	135.5	30	255
10075	C ₇ H ₈	Toluene	110.7	Nonazeotrope		82
10076	C ₈ H ₁₈	2,3,4-Trimethylpentane	113.4	Nonazeotrope		82
A =	C₆H₇N	4-Picoline	145.3			
10077	C ₇ H ₈	Toluene	110.7	Nonazeotrope		82
10078	C ₈ H ₁₈	2,3,4-Trimethylpentane	113.4	Nonazeotrope		82
A =	C₆H₈	1,3-Cyclohexadiene	80.8			
10079	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		243
10080	C ₆ H ₁₂	Cyclohexane	80.75	79.0	45	241
A =	C₆H₈N₂	<i>o</i>-Phenylenediamine	258.6			
10081	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		231
10082	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		207
10083	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	Nonazeotrope		231
10084	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		207
10085	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		207
10086	C ₁₀ H ₈ O	1-Naphthol	288.0	Nonazeotrope		207
10087	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	249.2	30	207
10088	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		207
10089	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		207
10090	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		231
10091	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		255
10092	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		207
A =	C₆H₈N₂	<i>o</i>-Phenylenediamine	258.6			
10093	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	<243.0	<17	207
10094	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethylbenzene	254.7	250.5	38	207
10095	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		231
10096	C ₁₂ H ₁₀	Acenaphthene	277.9	<258.0	....	207
10097	C ₁₂ H ₁₀	Biphenyl	256.1	249.7	37	207
10098	C ₁₂ H ₁₀ O	Phenyl ether	259.0	251.2	46	207
10099	C ₁₃ H ₁₂	Diphenylmethane	265.4	254.0	70	207
10100	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		207
A =	C₆H₈O₄	Methyl Fumarate	193.25			
10101	C ₆ H ₈ O ₄	Methyl maleate	264.05	Nonazeotrope		207
10102	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		207
10103	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		229
10104	C ₆ H ₁₂ O ₂	Caproic acid	205.15	Nonazeotrope		255
10105	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		207
10106	C ₇ H ₇ Br	α -Bromotoluene	198.5	<192.3	....	255
10107	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	183.65	16	207
10108	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		207
10109	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		207
10110	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	204.3	72	206
10111	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	197.8	60	250
10112	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	204.0	29	207
10113	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Nonazeotrope		207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₈O₄	Methyl Fumarate (continued)	193.25			
10114	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		207, 229
10115	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		207
10116	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	<190.1	<72	207
10117	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
10118	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	183.5	32	207
10119	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	189.4	46	207
10120	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255
10121	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
10122	C ₁₀ H ₁₆	Dipentene	177.7	172.5	70	242
10123	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		255
10124	C ₁₀ H ₁₆	α -Terpinene	173.4	170.5	75	242
10125	C ₁₀ H ₁₈ O	Borneol	215	Nonazeotrope		255
10126	C ₁₀ H ₁₈ O	Cineole	176.35	175.75	15	237
10127	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
10128	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
10129	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	189.3	95	250
			192.7	189.3	43	229
10130	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.35	16	207
10131	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	185.5	48	207
10132	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	191.2	80	237
10133	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<191.5	<81	237
A =	C₆H₈O₄	Methyl Maleate	204.05			
10134	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	Nonazeotrope		207
10135	C ₆ H ₁₂ O ₂	Caproic acid	205.15	201.5	63	242
10136	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	198.3	40	242
10137	C ₇ H ₇ Br	α -Bromotoluene	198.5	197.7	12	255
10138	C ₇ H ₈ O	Benzyl alcohol	205.25	Reacts		207
10139	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	208.75	55	207
10140	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	204.65	78	207
10141	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	208.6	56	249, 250
10142	C ₇ H ₈ O ₂	Guaiacol	205.05	205.15	20	207
10143	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Nonazeotrope		207
10144	C ₈ H ₈ O	Acetophenone	202.0	201.0	39	250
10145	C ₈ H ₈ O ₂	Methyl benzoate	199.4	198.95	25	207
10146	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		207
10147	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		207
10148	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	<202.8	>55	237
10149	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		255
10150	C ₈ H ₁₀ O ₂	Veratrole	206.8	<200.9	...	237
10151	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		255
10152	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4	200.0	45	255
10153	C ₈ H ₁₈ O	Octyl alcohol	195.2	193.55	32	250
10154	C ₈ H ₁₈ O ₂	Ethyl benzoate	212.5	Nonazeotrope		207
10155	C ₁₀ H ₈	Naphthalene	218.0	203.7	87	207
10156	C ₁₀ H ₁₂ O	Estragol	215.6	Nonazeotrope		237
10157	C ₁₀ H ₁₈ O	Borneol	215.0	202.95	78	207
10158	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
10159	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		255
10160	C ₁₀ H ₁₈ O	Linalool	198.6	<197.2	<40	255
10161	C ₁₀ H ₁₈ O	α -Terpineol	218.85	<203.8	...	255
10162	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	190.65	25	207
10163	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	203.0	82	246
10164	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
10165	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		237
10166	C ₁₂ H ₁₈	Triethylbenzene	215.5	<202.8	>72	207
10167	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<197.8	...	237
A =	C₆H₁₀	Biallyl	60.1			
10168	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<57.5	42	241
A =	C₆H₁₀	Cyclohexene	82.2/741 mm.			
10169	C ₆ H ₁₂	Cyclohexane	80.0	Nonazeotrope, V-1.		153
10170	C ₆ H ₁₂	Cyclohexane	80.75	<80.6	>10	241
10171	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		243
10172	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		228
10173	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		238

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₀	Cyclohexene (<i>continued</i>)	82.2/741 mm.			
10174	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
10175	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		255
A =	C₆H₁₀	Methylcyclopentene	75.85			
10176	C ₆ H ₁₄	Hexane	68.8	<68.6	>7	241
A =	C₆H₁₀O	Cyclohexanone	155.7			
10177	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		116*, 232
10178	C ₆ H ₁₂ O ₂	Propyl lactate	171.7	Nonazeotrope		232
10179	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	155.3	...	232
10180	C ₆ H ₁₄ O	Hexyl alcohol	157.85	155.65	94	232
10181	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		255
10182	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		232
10183	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		232
10184	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		232
10185	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		232
10186	C ₇ H ₁₄ O ₂	Methyl caproate	149.7	Nonazeotrope		232
10187	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		232
10188	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		232
10189	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		232
10190	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	155.3	60	232
10191	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	155.2	45	232
10192	C ₉ H ₁₂	Cumene	152.8	152.0	65	232
10193	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		232
10194	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
10195	C ₁₀ H ₁₆	Camphene	159.6	150.55	57.5	232
10196	C ₁₀ H ₁₆	Nopinene	163.8	152.2	65	232
10197	C ₁₀ H ₁₆	α -Pinene	155.8	149.8	40	232
10198	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		232
10199	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	151.5	55	232
A =	C₆H₁₀O	Mesityl Oxide	130.5			
10200	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		246
10201	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		207
10202	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		207
10203	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		207
10204	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		232
10205	C ₇ H ₈	Toluene	110.75	Nonazeotrope		207
10206	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		232
10207	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		207
10208	C ₇ H ₁₄ O ₂	Isobutyl propionate	134.0	Nonazeotrope		232
10209	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9	Nonazeotrope		211
10210	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		207
10211	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
10212	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.0	25	232
10213	C ₈ H ₁₆ O ₂	Propyl isovalerate	134.7	Nonazeotrope		232
10214	C ₈ H ₁₈	Octane	125.75	121.0	35	207
10215	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		232
10216	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		232
10217	C ₈ H ₁₉ N	Diisobutylamine	138.5	<128.5	>25	255
A =	C₆H₁₀O₂	2,5-Hexanedione	192.2			
10218	C ₇ H ₈ O	<i>m</i> -Cresol	202.4	...	36.3, V-l.	292
10219	C ₇ H ₈ O	<i>p</i> -Cresol	202.0	...	32.2, V-l.	292
10220	C ₈ H ₈ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	66.0	24	24
10221	C ₈ H ₁₈ O	Octyl alcohol	195.2	190.0	65	255
10222	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	<179.0	>18	255
A =	C₆H₁₀O₃	Ethyl Acetoacetate	180.4			
10223	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		207
10224	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope		232
10225	C ₇ H ₈ Cl ₂	α,α -Dichlorotoluene	205.1	Nonazeotrope		243
10226	C ₇ H ₈ O	Benzoic acid	179.2	Reacts		243
10227	C ₇ H ₇ Br	α -Bromotoluene	198.5	Azeotrope doubtful		243
10228	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	176.5	55	207
10229	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	174.7	51	232
10230	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	176.5	55	232
10231	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	175	35	232

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₀O₃	Ethyl Acetoacetate (continued)	180.4			
10232	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		232
10233	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		232
10234	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		232
10235	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		243
10236	C ₈ H ₈	Styrene	145.8	Nonazeotrope		232
10237	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
10238	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		232
10239	C ₈ H ₁₀	<i>m</i> -Xylene	139	Nonazeotrope		244
10240	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		232
10241	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope		244
10242	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	175.7	...	251
10243	C ₈ H ₁₀ O	Phenetole	170.45	169.8	24	232
10244	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		232
10245	C ₈ H ₁₄ O	Methylheptenone	173.2	173.0	30?	232
10246	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		232
10247	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		232
10248	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		232
10249	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		252
10250	C ₈ H ₁₈ S	Butyl sulfide	185.0	<178.5	<78	246
10251	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	171.0	10	247
10252	C ₉ H ₈	Indene	182.6	177.15	68	232
10253	C ₉ H ₁₂	Mesitylene	164.6	162.5	32	232
10254	C ₉ H ₁₂	Propylbenzene	159.3	158.3	24	232
10255	C ₉ H ₁₂	Pseudocumene	168.2	165.2	37	232
10256	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	175.5	>75	232
10257	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
10258	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	174.5	60	244
10259	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	169.0	20	232
10260	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	170.2	25	232
10261	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	180.0	80	255
10262	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		232
10263	C ₁₀ H ₁₄	Butylbenzene	183.1	174.0	52	232
10264	C ₁₀ H ₁₄	Cymene	176.7	170.5	41	232
10265	C ₁₀ H ₁₆	Camphene	159.6	156.15	30	232
10266	C ₁₀ H ₁₆	Dipentene	177.7	169.05	43	232
10267	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	169.05	43	243
10268	C ₁₀ H ₁₆	Nopinene	163.8	159.3	<35	232
10269	C ₁₀ H ₁₆	α -Phellandrene	171.5	165	~40	243
10270	C ₁₀ H ₁₆	α -Pinene	155.8	153.35	22	232
10271	C ₁₀ H ₁₆	α -Terpinene	173.4	166.6	40	232
10272	C ₁₀ H ₁₆	Terpinene	181.5	171.0	50	235
10273	C ₁₀ H ₁₆	Terpinolene	184.6	172.2	55	232
10274	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		232
10275	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	164.9	...	232
10276	C ₁₀ H ₁₈ O	Cineol	176.35	168.75	43	232
10277	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	179.5	77	232
10278	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	156.0	24	232
10279	C ₁₀ H ₂₂ O	Amyl ether	187.5	174.5	70	232
10280	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	167.4	40	232
10281	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<179.0	...	232
10282	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		243
10283	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		232
A =	C₆H₁₀O₄	Ethylidene Diacetate	168.5			
10284	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		207
10285	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<157.3	...	255
10286	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	166.7	64	207
10287	C ₆ H ₁₄ O ₂	Pinacol	174.35	<167.0	...	255
10288	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		207
10289	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		255
10990	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		255
10291	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	<161.0	>70	207
10292	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		207
10293	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		207
10294	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<165.8	<57	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₀O₄	Ethylidene Diacetate (<i>continued</i>)	168.5			
10295	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207
10296	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
10297	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		207
10298	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	164.0	48	207
10299	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<168.3	>62	237
10300	C ₈ H ₁₀ O	Phenetole	170.45	164.5	56	207
10301	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
10302	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
10303	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	163.5	37	207
10304	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	164.0	45	229
10305	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	<166.5	<67	207
10306	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	159.3	23	229
10307	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	168.3	93.5	207
10308	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	167.5	...	255
10309	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	165.0	60	207
10310	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	165.5	65	207
10311	C ₁₀ H ₁₄	Cymene	176.7	165.5	>62	242
10312	C ₁₀ H ₁₆	Camphene	159.6	<157.0	>32	207
10313	C ₁₀ H ₁₆	α -Pinene	155.8	<154.0	>25	207
10314	C ₁₀ H ₁₈ O	Cineole	176.35	164.95	66	207
10315	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	161.5	57	207
A =	C₆H₁₀O₄	Ethyl Oxalate	185.65			
10316	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	Nonazeotrope		207
10317	C ₆ H ₁₂ O ₂	Isocaproic acid	199.7	Nonazeotrope		207
10318	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		206
10319	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		255
10320	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Reacts		206
10321	C ₇ H ₅ N	Benzonitrile	191.1	Nonazeotrope		245
10322	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		243
10323	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	179.0	46	207
10324	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	177.40	38	207
10325	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	<180.2	<49	208
10326	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Nonazeotrope		243
10327	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		207
10328	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		207
10329	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		207
10330	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	202.3	~3	222
10331	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	194.1	36	222
10332	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	202.0	6.5	222
10333	C ₇ H ₉ N	Methylaniline	196.1	Reacts		245
10334	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	181.5	~65	244
10335	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
10336	C ₇ H ₁₄ O ₃	1,3-Butanediol methylether acetate	171.75	Nonazeotrope		207
10337	C ₇ H ₁₆ O	Heptyl alcohol	176.15	175.5	...	207
10338	C ₈ H ₈	Styrene	145.8	Nonazeotrope		255
10339	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		207
10340	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		207, 237
10341	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<176.3	...	237
10342	C ₈ H ₁₀ O	Phenetole	171.5	Nonazeotrope		207
10343	C ₈ H ₁₀ O ₂	Veratrol	205.5	Nonazeotrope		237
10344	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		255
10345	C ₈ H ₁₈ O	Octyl alcohol	195.15	Reacts		215
10346	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	178.85	33	247
10347	C ₉ H ₈	Indene	182.6	<181.0	<43	255
10348	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
10349	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		226
10350	C ₉ H ₁₂	Pseudocumene	168.2	167.95	~6	221
10351	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<181.8	<50	207
10352	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	176.3	25	207
10353	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	183.0	60	229
10354	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	179.45	32.5	248
10355	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	185.65	Nonazeotrope		207
10356	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	184.2	70	229
10357	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₀O₄	Ethyl Oxalate (continued)	185.65			
10358	C ₁₀ H ₁₄	Butylbenzene	183.1	<180.0	<44	242
10359	C ₁₀ H ₁₄	Cymene	175.3	~173	~15	243
10360	C ₁₀ H ₁₆	Camphene	159.6	158.5	16	254
10361	C ₁₀ H ₁₆	Dipentene	177.7	172.2	40	255
10362	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172.2	41	243
10363	C ₁₀ H ₁₆	Nopinene	163.8	161.5	27	226
10364	C ₁₀ H ₁₆	α -Pinene	155.8	154.8	20	217
10365	C ₁₀ H ₁₆	α -Terpinene	173.3	170.5	30	226
10366	C ₁₀ H ₁₆	γ -Terpinene	181.5	173.5	45	218
10367	C ₁₀ H ₁₆	Terpinolene	185	173	~50	243
10368	C ₁₀ H ₁₆	Thymene	179.7	~176.0	40.5	217
10369	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	168.0	28	255
10370	C ₁₀ H ₁₈ O	Cineole	176.35	173.5	28	237
10371	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
10372	C ₁₀ H ₁₈ O	Linalool	198.6	185.6	~97	254
10373	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	184.1	69	207
10374	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	188.5	28	242
10375	C ₁₀ H ₂₂ O	Amyl ether	187.5	177.7	54	207
10376	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.15	29	207
10377	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		215
10378	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.2	181.15	88?	237
10379	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
10380	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		237
A =	C₆H₁₀O₄	Glycol Diacetate	186.3			
10381	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
10382	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
10383	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	<179.8	<32	255
10384	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	<182.0	<45	255
10385	C ₇ H ₈ O	<i>m</i> -Cresol	202.4	....	24, V-1.	292
10386	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	194.5	35	242
10387	C ₇ H ₈ O	<i>p</i> -Cresol	202.0	....	23, V-1.	292
10388	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207
10389	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		255
10390	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		237
10391	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		237
10392	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		237
10393	C ₈ H ₁₈ O	Octyl alcohol	195.2	<186.0	....	255
10394	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	179.2	....	247
10395	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
10396	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
10397	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<181.2	....	237
10398	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	<177.0	>15	229
10399	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	179.0	38	229
10400	C ₁₀ H ₁₄	Butylbenzene	183.1	<181.2	<42	255
10401	C ₁₀ H ₁₆	Dipentene	177.7	<173.5	<37	255
10402	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	184.6	75	229
10403	C ₁₀ H ₂₂ O	Amyl ether	187.5	<179.0	<60	237
10404	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.1	....	237
10405	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<183.5	<82	237
A =	C₆H₁₀O₄	Methyl Succinate	195.5			
10406	C ₆ H ₁₂ O ₂	Caproic acid	205.15	Nonazeotrope		255
10407	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	<194.2	<80	242
10408	C ₇ H ₉ N	Benzonitrile	191.1	Nonazeotrope		245
10409	C ₇ H ₆ Cl ₂	α, α -Dichlorotoluene	205.2	Nonazeotrope		227
10410	C ₇ H ₇ Br	α -Bromotoluene	198.5	<192.5	>55	255
10411	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	182.6	<21	255
10412	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	<181.0	<10	255
10413	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	180.0	....	227
10414	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	198.8	~60	243
10415	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	204.7	....	243
10416	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Nonazeotrope		255
10417	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
10418	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		255
10419	C ₈ H ₈ O ₂	Phenyl acetate	195.5	Nonazeotrope		252

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₆H₁₀O₄	Methyl Succinate (<i>continued</i>)	195.5				
10420	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope			237
10421	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	192.5	50		252
10422	C ₉ H ₈	Indene	182.6	Nonazeotrope			255
10423	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope			226
10424	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope			255
10425	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope			255
10426	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope			232
10427	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope			239
10428	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope			226
10429	C ₁₀ H ₁₆	Camphene	159.6	~159.0	10		226
10430	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	175.5	26		209
10431	C ₁₀ H ₁₆	α -Pinene	155.8	155.5	<10		226
10432	C ₁₀ H ₁₆	α -Terpinene	173.4	172.5	19		242
10433	C ₁₀ H ₁₆	γ -Terpinene	181.5	178.0	32		218
10434	C ₁₀ H ₁₆	Terpinolene	185	~178	~28		243
10435	C ₁₀ H ₁₆	Thymene	179.7	178.2	~32		210
10436	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	<195.2	....		255
10437	C ₁₀ H ₁₈ O	Cineole	176.35	<176.0	<95		237
10438	C ₁₀ H ₁₈ O	Linaloöl	198.6	Reacts			216
10439	C ₁₀ H ₂₀ O	Menthhol	212	Nonazeotrope ?			243
10440	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope			229
10441	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	191.0	30		229
10442	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<172.5	....		237
10443	C ₆ H ₁₂ O	Isobornyl methyl ether	192.4	186.4	....		237
10444	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope			226
10445	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	193.0	75		237
A =	C₆H₁₀S	Allyl Sulfide	139.35				
10446	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope			246
10447	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope			246
10448	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope			246
10449	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope			246
10450	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope			246
			119.9	~117.5	~15		243
10451	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	~120	~20		243
10452	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope			246
10453	C ₇ H ₁₄ O	4-Heptanone	143.55	138.2	75		246
10454	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	<135.5	>68		242
10455	C ₈ H ₁₀	Ethylbenzene	136.15	<136.0	>11		246
10456	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<138.3	>52		246
10457	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope			246
10458	C ₈ H ₁₈ O	Butyl ether	142.4	<139.0	70		246
A =	C₆H₁₁BrO₂	Ethyl α-bromoisobutyrate	178				
10459	C ₇ H ₆ O	Benzaldehyde	179.2	Azeotrope doubtful			243
10460	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	~173.5	~60		212
10461	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	~175	....		243
10462	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174	~55		243
A =	C₆H₁₁ClO₂	Butyl Chloroacetate	181.8				
10463	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	179.5	45		242
10464	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope			255
10465	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope			255
10466	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope			255
10467	C ₁₀ H ₁₄	Butylbenzene	183.1	<179.5	<70		242
10468	C ₁₀ H ₁₄	Cymene	176.7	175.4	25		255
10469	C ₁₀ H ₁₆	Dipentene	177.7	175.0	32		242
10470	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope			255
A =	C₆H₁₁ClO₂	Isobutyl Chloroacetate	174.5				
10471	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope			255
10472	C ₈ H ₁₀ O	Phenetole	170.45	170.0	12		255
10473	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope			255
10474	C ₁₀ H ₁₄	Cymene	176.7	172.2	65		242
10475	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope			255
10476	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope			255
10477	C ₁₀ H ₁₈ O	Cineole	176.35	173.2	70		242
10478	C ₁₀ H ₁₈ O	Linaloöl	198.6	Nonazeotrope			255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₁ClO₂	Isobutyl Chloroacetate (<i>continued</i>)	174.5			
10479	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		255
10480	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.0	38	242
A =	C₆H₁₁N	Capronitrile	163.9			
10481	C ₆ H ₁₂ O	Cyclohexanol	160.8	158.0	36	247
10482	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<156.6	>19	247
10483	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
10484	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		255
10485	C ₉ H ₁₂	Cumene	152.8	150.8	18	255
10486	C ₁₀ H ₁₆	Camphene	159.6	143.0	35	242
10487	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	30	242
A =	C₆H₁₁NO₂	Nitrocyclohexane	205.3			
10488	C ₆ H ₁₅ NO	2-(Diethylamino)ethanol	162.2	Nonazeotrope		255
10489	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		234
10490	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
10491	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	<203.0	>4	231
10492	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		231
10493	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		255
10494	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
10495	C ₈ H ₁₁ N	Ethylaniline	205.5	<204.8	...	231
10496	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	<201.0	>28	255
10496a	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
10497	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
A =	C₆H₁₂	Cyclohexane	80.75			
10498	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		207
10499	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		232
10500	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		255
10501	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		243
10502	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		228
10503	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		218
10504	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
10505	C ₇ H ₁₄	Methylcyclohexane	100.80	Nonazeotrope, V-l.		325
10506	C ₇ H ₁₆	2,2,3-Trimethylbutane, 744 mm.	80.1	79.45	47.8, V-l.	153
			80.75	Nonazeotrope		255
10507	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
A =	C₆H₁₂	Methylcyclopentane	71.95			
10508	C ₆ H ₁₄	Hexane	68.8	<67.9	>25	175*, 241
10509	C ₆ H ₁₄ O	Isopropyl ether	68.3	<68.0	<20	233
10510	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231
A =	C₆H₁₂O	Cyclohexanol	160.8			
10511	C ₆ H ₁₂ O ₃	Isopropyl lactate	166.8	<160.7	...	255
10512	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		255
10513	C ₆ H ₁₂ O ₄	Propyl lactate	171.7	Nonazeotrope		255
10514	C ₆ H ₁₃ Br	1-Bromohexane	156.5	<153.7	<34	255
10515	C ₆ H ₁₃ ClO ₂	Chloroacetal	156.8	155.6	15	243
10516	C ₆ H ₁₄ O	Hexyl alcohol	157.95	Nonazeotrope		218
10517	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		255
10518	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		255
10519	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		207
10520	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	160.6?	~98	210
10521	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	Nonazeotrope		255
10522	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Nonazeotrope		243
10523	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	155.5	38	253
10524	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	156.5	55	211
10525	C ₇ H ₈	Toluene	110.75	Nonazeotrope		221
10526	C ₇ H ₈ O	Anisole	153.85	152.45	30	209
10527	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		222
10528	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		217
10529	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	Nonazeotrope		255
10530	C ₇ H ₁₄ O ₃	1,3-Butanediol methyletheracetate	144.6	Nonazeotrope		255
10531	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		221
10532	C ₈ H ₈	Styrene	145.8	144	...	217
10533	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.9	5	243
10534	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	143.0	14	217

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₂O	Cyclohexanol (<i>continued</i>)	160.8			
10535	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		221
10536	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	159.0	62	236, 360*
10537	C ₈ H ₁₀ O	Phenetole	170.35	159.2	~72	209
10538	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	160.5	92	244
10539	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		231
10540	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
10541	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		255
10542	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
10543	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	<160.5	...	255
10544	C ₈ H ₁₆ O ₂	Isoamyl propionate	~160.3	157.7	~63	243
10545	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	156	~20	217
10546	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		217
10547	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	155.1	17	255
10548	C ₈ H ₁₈ O	Butyl ether	142.1	Nonazeotrope		256
10549	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		255
10550	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		246
10551	C ₉ H ₈	Indene	181.7	160	75	217
10552	C ₉ H ₁₂	Cumene	152.8	150.0	28	247
10553	C ₉ H ₁₂	Mesitylene	164.0	156.3	~50	243
10554	C ₉ H ₁₂	Propylbenzene	158.8	153.8	40	217
10555	C ₉ H ₁₂	Pseudocumene	169	158	~60	243
10556	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
10557	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
10558	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
10559	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		216
10560	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		220
10561	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
10562	C ₁₀ H ₁₄	Cymene	176.7	159.5	72	217
10563	C ₁₀ H ₁₆	Camphene	159.5	151.9	41	208
10564	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	159.25	73.5	221
10565	C ₁₀ H ₁₆	α -Phellandrene	171.5	158	65	243
10566	C ₁₀ H ₁₆	α -Pinene	155.8	149.9	35.5	243
10567	C ₁₀ H ₁₆	α -Terpinene	173.4	158.3	65	247
10568	C ₁₀ H ₁₆	γ -Terpinene	183	160.3	83	255
10569	C ₁₀ H ₁₆	Terpinene	181	159.8	...	243
10570	C ₁₀ H ₁₆	Terpinolene	184.6	160.5	87	255
10571	C ₁₀ H ₁₆	Thymene	179.7	159.8	78	253
10572	C ₁₀ H ₁₈	<i>d</i> -Menthene	170.8	~157.5	~62	243
10573	C ₁₀ H ₁₈ O	Cineole	176.35	160.55	92	254
10574	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	153.0	~62	217
10575	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		236
10576	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	158.8	78	254
A =	C₆H₁₂O	2-Hexanone	127.2			
10577	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.4	32	207
10578	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		232
10579	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		232
A =	C₆H₁₂O	3-Hexanone	123.3			
10580	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	123.1	...	232
10581	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		232
10582	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	123.0	50	232
10583	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		232
10584	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		232
10585	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	122.5	40	232
10586	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	119.0	32	235
10587	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	116.7	28	232
10588	C ₆ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		231
10589	C ₇ H ₈	Toluene	110.75	Nonazeotrope		232
10590	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		207
10591	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
10592	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
10593	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	116.0	37	232
10594	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		255
A =	C₆H₁₂O	4-Methyl-2-pentanone	116.05			
10595	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		207

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₂O	4-Methyl-2-pentanone (<i>continued</i>)	116.05			
10596	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		207
10597	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	115.6	...	232
10598	C ₆ H ₁₂ O ₂	Isopropyl propionate	110.5	Nonazeotrope		232
10599	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	115.6	55	207
10600	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	114.9	72	235
10601	C ₆ H ₁₅ N	Dipropylamine	109.2	<105.5	<32	231
10602	C ₇ H ₈	Toluene	110.75	110.7	3	207
10603	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.1	<20	207
10604	C ₇ H ₁₆	Heptane	98.4	97.5	13	232
10605	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		207
10606	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	112.0	53	232
10607	C ₈ H ₁₈	<i>n</i> -Octane	125.75	113.4	65	207
10608	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		255
10609	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		255
A =	C₆H₁₂O	Pinacolone	106.2			
10610	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		232
10611	C ₆ H ₁₂ O ₂	Isopropyl propionate	110.5	Nonazeotrope		232
10612	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		232
10613	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		255
10614	C ₆ H ₁₅ N	Dipropylamine	109.2	<104.5	...	255
10615	C ₇ H ₈	Toluene	110.75	106.0	85	232
10616	C ₇ H ₁₄	Methylcyclohexane	101.15	97.0	32	232
10617	C ₇ H ₁₆	Heptane	98.4	95.5	28	232
10618	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	104.0	75	232
A =	C₆H₁₂O₂	Butyl Acetate	126.0			
10619	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		255
10620	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		255
10621	C ₆ H ₁₂ O ₂	2-Ethoxyethyl acetate	156.8	Nonazeotrope		255
10622	C ₆ H ₁₂ O ₂	Paraldehyde	124.35	124.25	9	207
10623	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		255
10624	C ₇ H ₈	Toluene	110.75	Nonazeotrope		207
10625	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		255
10626	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		237
10627	C ₈ H ₁₀	Ethylbenzene	136.1	Nonazeotrope		207
10628	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		207
10629	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		207
10630	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<118.0	<37	255
10631	C ₈ H ₁₈	Octane	125.8	119	52	218
10632	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		237
10633	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		255
10634	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		207
10635	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		255
A =	C₆H₁₂O₂	Caproic Acid	205.3			
10636	C ₇ H ₆ Cl ₂	α, α -Dichlorotoluene	205.2	199.0	36	222
10637	C ₇ H ₇ Br	α -Bromotoluene	198.5	~196.5	77	243
10638	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	180.8	6	221
10639	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	184.0	8	221
10640	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		255
10641	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	179.0	~3	221
10642	C ₇ H ₇ Cl	<i>m</i> -Chlorotoluene	162.3	Nonazeotrope		244
10643	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		244
10644	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		244
10645	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	202.2	50	242
10646	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.85	~205.0	~96	222
10647	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		234
10648	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	201.9	13	244
10649	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		243
10650	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	201.5	11	244
10651	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		243
10652	C ₇ H ₈ O ₂	Guaiacol	205.05	200.8	42	236
10653	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	198.5	12	242
10654	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	Nonazeotrope		255
10655	C ₈ H ₈ O	Acetophenone	202.0	200.5	32	232
10656	C ₈ H ₈ O ₂	Benzyl formate	203.0	<202.2	20	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₂O₂	Caproic Acid (continued)	205.3			
10657	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		221
10658	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		255
10659	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		244
10660	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	216.2	Nonazeotrope		223
10661	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		255
10662	C ₈ H ₁₀ O ₂	Veratrole	206.5	~202.5	~42	217
10663	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		255
10664	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	Nonazeotrope		255
10665	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
10666	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
10667	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
10668	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		255
10669	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		244
10670	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		223
10671	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
10672	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		255
10673	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		232
10674	C ₉ H ₁₈ O ₃	Methyl caprylate	192.9	Nonazeotrope		255
10675	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		255
10676	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		244
10677	C ₁₀ H ₈	Naphthalene	218.05	203.75	71	244
10678	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		223
10679	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.0	~5	221
10680	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
10681	C ₁₀ H ₁₆	Terpinolene	185	Azeotrope doubtful		243
10682	C ₁₀ H ₁₆	Thymene	179.7	179.0	~3	221
10683	C ₁₀ H ₁₆ O	Camphor	209.1	204.0	....	232
10684	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	200.0	38	242
10685	C ₁₀ H ₁₈ O	Citronellal	207.8	~203.5	....	221
10686	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
10687	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		255
10688	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<204.5	<95	246
10689	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		255
10690	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
10691	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		255
10692	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	202.0	63	244
10693	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.5	<201.5	>30	243
A =	C₆H₁₂O₂	Ethyl Butyrate	121.5			
10694	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		255
10695	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		255
10696	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
10697	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		255
10698	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		237
10699	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<120.0	<42	246
10700	C ₆ H ₁₆ BO ₃	Ethyl borate	118.6	117.6	35	229
10701	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
10702	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		226
10703	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope		162
10704	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		207
10705	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
10706	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	116.7	<50	242
10707	C ₈ H ₁₈	Octane	125.8	Nonazeotrope		243
			125.8	118.0	>60	226
10708	C ₈ H ₁₈ O	Isobutyl ether	122.3	120.5	20	237
A =	C₆H₁₂O₂	Ethyl Isobutyrate	110.1			
10709	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		255
10710	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
10711	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		237
10712	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
10713	C ₇ H ₈	Toluene	110.75	109.8	....	253
10714	C ₇ H ₁₄	Methylcyclohexane	101.1	100.1	<20	226
10715	C ₇ H ₁₆	Heptane	98.5	97.0	17	207
10716	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<109.5	<88	255
10717	C ₈ H ₁₈	Octane	125.75	<109.8	<96	255
10718	C ₈ H ₁₈ O	Isobutyl ether	122.2	Nonazeotrope		237

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₂O₂	4-Hydroxy-4-methyl-2-pentanone	61.6/10 mm.			
10719	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	59.0	58	24
A =	C₆H₁₂O₂	Isoamyl Formate	123.8			
10720	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	Nonazeotrope		225
10721	C ₆ H ₁₂ O ₃	Paraldehyde	124.1	123.0	56	237
10722	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
10723	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		253
10724	C ₈ H ₁₈	Octane	125.8	<116.5	~55	243
10725	C ₈ H ₁₈ O	Isobutyl ether	122.3	121.5	65	237
A =	C₆H₁₂O₂	Isobutyl Acetate	117.2			
10726	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		229
10727	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		237
10728	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
10729	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	115.2	57	246
10730	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	117.0	63	229
10731	C ₇ H ₈	Toluene	110.6	Nonazeotrope		252
10732	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		226
10733	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
10734	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<114.0	<62	242
10735	C ₈ H ₁₈	Octane	125.8	114.5	>70	226
10736	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		237
A =	C₆H₁₂O₂	Isocaproic Acid	199.5			
10737	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		255
10738	C ₇ H ₆ O ₂	Salicylaldehyde	196.7	<196.4	...	255
10739	C ₇ H ₇ Br	<i>α</i> -Bromotoluene	198.5	193.0	32	242
10740	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	183.0	10	242
10741	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	180.5	9	255
10742	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	183.0	12	255
10743	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.3	178.0	8	255
10744	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		255
10745	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		255
10746	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
10747	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	199.1	80?	255
10748	C ₇ H ₈ O ₂	Guaiaicol	205.05	<198.5	>80	255
10749	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	196.5	42	242
10751	C ₈ H ₈ O	Acetophenone	202.0	<199.2	...	255
10752	C ₈ H ₈ O ₂	Benzyl formate	203.0	198.8	62	255
10753	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
10754	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
10755	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		255
10756	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
10757	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
10758	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
10759	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	190.0	10	255
10760	C ₁₀ H ₈	Naphthalene	218.0	199.0	75	242
10761	C ₁₀ H ₁₄	Cymene	176.7	<176.2	>3	255
10762	C ₁₀ H ₁₆	Dipentene	177.7	176.5	10	242
10763	C ₁₀ H ₁₆	Limonene	177.7	176.5	10	255
10764	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		255
10765	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		255
10766	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
10767	C ₁₀ H ₂₂ O	Amyl ether	187.5	<186.5	>8	255
10768	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		244
10769	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		246
A =	C₆H₁₂O₂	Methyl Isovalerate	116.5			
10770	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		237
10771	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		237
10772	C ₇ H ₈	Toluene	110.75	Nonazeotrope		253
10773	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
10774	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		207
10775	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<115.0	<75	255
10776	C ₈ H ₁₈	Octane	125.75	<115.5	<88	255
10777	C ₈ H ₁₈ O	Isobutyl ether	122	Nonazeotrope		237

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₆H₁₂O₂	Propyl Propionate	122.5			
10778	C ₇ H ₈	Toluene	110.75	Nonazeotrope		218
10779	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		218
10780	C ₈ H ₁₈	Octane	125.8	118.2	60	218
A =	C₆H₁₂O₃	2-Ethoxyethyl Acetate	156.8			
10781	C ₆ H ₁₂ O ₃	Isopropyl lactate	166.8	Nonazeotrope		255
10782	C ₆ H ₁₃ Br	1-Bromohexane	156.5	<155.0	<49	255
10783	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<156.0	<63	255
10784	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		236
10785	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		206
10786	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	156.6	90	206
10787	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		255
10788	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		236
10789	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		206
10790	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.5	10	236
10791	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		206
10792	C ₇ H ₁₄ O	2-Heptanone	143.55	Nonazeotrope		255
10793	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
10794	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		255
10795	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		255
10796	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255
10797	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
10798	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
10799	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		236
10800	C ₈ H ₈	Styrene	145.8	Nonazeotrope		255
10801	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		206
10802	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
10803	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		206
10804	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		206
10805	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		255
10806	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
10807	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		206
10808	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		255
10809	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
10810	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		255
10811	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	156.5	90	206
10812	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	156.0	52	206
10813	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		255
10814	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<155.0	<35	255
10815	C ₈ H ₁₈ O	Butyl ether	142.4	141.7	88	206
10816	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		206
10817	C ₉ H ₁₂	Cumene	152.8	152.0	15	255
10818	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
10819	C ₉ H ₁₂	Propylbenzene	159.3	<156.0	>70	255
10820	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		255
10821	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
10822	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.3	Nonazeotrope		206
10823	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		206
10824	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
10825	C ₁₀ H ₁₆	Camphene	159.6	153.2	68	206
10826	C ₁₀ H ₁₆	Nopinene	163.8	154.0	80	242
10827	C ₁₀ H ₁₆	α -Pinene	155.8	151.0	50	206
10828	C ₁₀ H ₁₆	α -Terpinene	173.4	<156.5	<93	255
10829	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		255
10830	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		236
10831	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	153.0	75	242
10832	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	156.45	94	207, 236
A =	C₆H₁₂O₃	Isopropyl Lactate	166.8			
10833	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
10834	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
10835	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		255
10836	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	165.5	67	255
10837	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
10838	C ₈ H ₁₂	Mesitylene	164.6	159.5	60	247
10839	C ₁₀ H ₁₆	Camphene	159.6	154.2	30	247
10840	C ₁₀ H ₁₆	Nopinene	163.8	157.5	38	247

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₂O₃	Isopropyl Lactate (<i>continued</i>)	166.8			
10841	C ₁₀ H ₁₆	α-Pinene	155.8	152.5	22	255
A =	C₆H₁₂O₃	Paraldehyde	124.35			
10842	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
10843	C ₈ H ₁₆ BO ₂	Ethyl borate	118.6	Nonazeotrope		228
10844	C ₇ H ₈	Toluene	110.7	Nonazeotrope		243
10845	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		237
10846	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		237
10847	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		237
10848	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		243
10849	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		243
10850	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope		228
A =	C₆H₁₂O₃	Propyl Lactate	171.7			
10851	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	Nonazeotrope		255
10852	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		255
10853	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	>170.75	>55	255
10854	C ₆ H ₁₄ O ₂	Pinacol	171.5	~168	~37	243
10855	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		243
10856	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	171.0	~15	255
10857	C ₇ H ₇ Cl	α-Chlorotoluene	179.35	171.2	~78	243
10858	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	<159.0	...	255
10859	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.5	18	247
10860	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		236
10861	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		255
10862	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		224
10863	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		224
10864	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<167.8	<34	255
10865	C ₇ H ₁₆ O	Heptyl alcohol	176.15	<171.55	<90	255
10866	C ₈ H ₈	Styrene	145.8	Nonazeotrope		255
10867	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	165.5	25	255
10868	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<171.0	>82	255
10869	C ₈ H ₁₀ O	Phenetole	171.5	167.1	50	236
10870	C ₈ H ₁₆ O	2-Octanone	172.85	<171.4	<75	232
10871	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.8	Nonazeotrope		255
10872	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	169.0	48	246
10873	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
10874	C ₉ H ₁₂	Mesitylene	164.6	160.5	28	218
10875	C ₉ H ₁₂	Pseudocumene	108.2	103.5	38	247
10876	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
10877	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	167.5	40	255
10878	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	<169.0	<52	207
10879	C ₁₀ H ₁₄	Cymene	176.7	~167.0	60	218
10880	C ₁₀ H ₁₆	Camphene	159.6	~156.2	17	218
10881	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	166.35	63	243
10882	C ₁₀ H ₁₆	Nopinene	163.8	159.0	33	247
10883	C ₁₀ H ₁₆	α-Phellandrene	171.5	~162.5	~50	243
10884	C ₁₀ H ₁₆	α-Pinene	155.8	<154.5	...	255
10885	C ₁₀ H ₁₆	α-Terpinene	173.3	~164.0	50	228
10886	C ₁₀ H ₁₈ O	Cineole	176.3	~169	~73	243
10887	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	167.5	53	236
A =	C₆H₁₃Br	1-Bromoheptane	156.5			
10888	C ₆ H ₁₄ O	Hexyl alcohol	157.85	150.5	60	255
10889	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	<156.0	...	255
10890	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
10891	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255
10892	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		255
10893	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		239
10894	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		255
10895	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<155.2	>28	255
10896	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		239
10897	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
10898	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
A =	C₆H₁₃ClO₂	Chloroacetal	157.4			
10899	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<154.5	<58	255
10900	C ₆ H ₁₄ O ₂	Pinacol	171.5	155.5	<90	243

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₆H₁₃ClO₂	Chloroacetal (continued)	157.4			
10901	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		228
10902	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		255
10903	C ₈ H ₈	Styrene	145.8	Nonazeotrope		228
10904	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		255
10905	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		228
10906	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		255
10907	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
10908	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	Nonazeotrope		211
10909	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.8	154.7	~43	243
10910	C ₉ H ₁₂	Cumene	152.8	<152.0	<10	255
10911	C ₉ H ₁₂	Propylbenzene	159.2	<156.0	<75	228
10912	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		255
10913	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		225
10914	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		211
10915	C ₁₀ H ₁₆	Camphene	159.5	~155.2	56	236
10916	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		211
10917	C ₁₀ H ₁₆	Nopinene	163.8	156.2	23	236
10918	C ₁₀ H ₁₆	α -Pinene	155.8	153.0	43	236
10919	C ₁₀ H ₁₆	α -Terpinene	173.3	Nonazeotrope		228
10920	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	155.5	35	236
10921	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		228
A =	C₆H₁₄	Hexane	68.8			
10923	C ₆ H ₁₄ O	Isopropyl ether	68.3	67.5	47	238
10924	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231
10925	C ₇ H ₁₆	Heptane	98.45	Vapor pressure data		369
10926	C ₈ H ₁₈	Octane	125.8	Nonazeotrope (b.p. curve)		432
A =	C₈H₁₄O	2-Ethylbutanol	55.6/10 mm.			
10927	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	54.9	74	24
A =	C₆H₁₄O	Hexyl Alcohol	157.8			
10928	C ₆ H ₁₄ O	Isopropyl ether	69.0	Nonazeotrope		93
10929	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		206
10930	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		255
10931	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		255
10932	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		255
10933	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	153.5	44	247
10934	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	166.4	<154.0	<54	247
10935	C ₇ H ₈	Toluene	110.75	Nonazeotrope		217
10936	C ₇ H ₈ O	Anisole	153.85	151.0	36.5	218
10937	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
10938	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		220
10939	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		232
10940	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	Nonazeotrope		216
10941	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
10942	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		221
10943	C ₈ H ₈	Styrene	145.8	144	23	221
10944	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	62.0	43	24
10945	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		217
10946	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.3	15	217
10947	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	142.3	~18	217
10948	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	~137.7	13	221
10949	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	156.7	73	255
10950	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		255
10951	C ₈ H ₁₀ O	Phenetole	170.45	157.65	81	213
10952	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		231
10953	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
10954	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		255
10955	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	156.7	60	247
10956	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	~155.0	40	216
10957	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		216
10958	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	~154.2	33	216
10959	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		255
10960	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		236
10961	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		246
10962	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		246

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₄O	Hexyl Alcohol (continued)	157.8			
10963	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
10964	C ₉ H ₁₂	Cumene	152.8	149.5	35	247
10965	C ₉ H ₁₂	Mesitylene	164.6	153.5	55	217
10966	C ₉ H ₁₂	Pseudocumene	168.2	156.3	68	221
10967	C ₉ H ₁₂	Propylbenzene	158.8	152.5	45	220
10968	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
10969	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
10970	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
10971	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
10972	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
10973	C ₁₀ H ₁₆	Camphene	159.6	~150.8	~48	253
10974	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	155.5	~79	217
10975	C ₁₀ H ₁₆	Nopinene	163.8	153.0	52	247
10976	C ₁₀ H ₁₆	α -Pinene	155.8	150.8	40	217
10977	C ₁₀ H ₁₆	α -Terpinene	173.4	156.5	72	247
10978	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		236
10979	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	152.5	47	217
10980	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		256
			173.4	157	89	236
A =	C₆H₁₄O	Propyl Ether	90.1			
10981	C ₆ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		231
10982	C ₆ H ₁₅ N	Triethylamine	89.35	<88.5	...	231
10983	C ₇ H ₈	Toluene	110.75	Nonazeotrope		238
10984	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		253
10985	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		207
10986	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		238
A =	C₆H₁₄O₂	Acetal	103.55			
10987	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		246
10988	C ₆ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		231
10989	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		231
10990	C ₇ H ₈	Toluene	110.75	Nonazeotrope		253
10991	C ₇ H ₁₄	Methylcyclohexane	101.15	99.65	40	238
10992	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	97.75	28	238
10993	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	103.0	75	228
10994	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		238
A =	C₆H₁₄O₂	2-Butoxyethanol	171.15			
10995	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162.2	Nonazeotrope		231
10996	C ₇ H ₅ N	Benzonitrile	191.1	Nonazeotrope		236
10997	C ₇ H ₆ O	Benzaldehyde	179.2	170.95	91	236
10998	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	169.7	65	206
10999	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	158.0	12	206
11000	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.5	20	236
11001	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		255
11002	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		236
11003	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		206
11004	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.55	15	236
11005	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		236
11006	C ₇ H ₉ N	Benzylamine	185.0	Nonazeotrope		231
11007	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
11008	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	Nonazeotrope		255
11009	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
11010	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	170.1	53	236
11011	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		255
11012	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		206
11013	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		236
11014	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		255
11015	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	62.5	37	24
11016	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		255
11017	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		236
11018	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	165.0	43	206
11019	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	169.3	62	206
11020	C ₈ H ₁₀ O	Phenetole	170.45	167.1	52	236
11021	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
11022	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.7	20	206

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₄O₂	2-Butoxyethanol (continued)	171.15			
11023	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	166.0	25	247
11024	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	167.7	45	247
11025	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7		Nonazeotrope	255
11026	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9		Nonazeotrope	255
11027	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7		Nonazeotrope	255
11028	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5		Nonazeotrope	255
11029	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope	255
11030	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	206
11031	C ₈ H ₁₈ S	Isobutyl sulfide	172	163.8	42	235
11032	C ₉ H ₇ N	Quinoline	237.3		Nonazeotrope	233
11033	C ₉ H ₁₂	Mesitylene	164.6	162.0	32	236
11034	C ₉ H ₁₂	Propylbenzene	159.3	158.0	....	206
11035	C ₉ H ₁₂	Pseudocumene	168.2	164.5	38	255
11036	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	170.95	88	231
11037	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	170.85	86	236
11038	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	166.5	36	247
11039	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.75	43	207
11040	C ₁₀ H ₁₄	Butylbenzene	183.0	170.2	80	206
11041	C ₁₀ H ₁₄	Cymene	176.7	168.0	60	236
11042	C ₁₀ H ₁₆	Camphene	159.6	154.5	30	206
11043	C ₁₀ H ₁₆	Dipentene	177.7	164.0	53	247
11044	C ₁₀ H ₁₆	Nopinene	163.8	158.0	37	206
11045	C ₁₀ H ₁₆	α -Pinene	155.8	151.5	25	247
11046	C ₁₀ H ₁₆	α -Terpinene	173.4	164.0	50	206
11047	C ₁₀ H ₁₈ O	Cineole	176.35	168.9	58.5	207
11048	C ₁₀ H ₁₈ O	Citronellal	207.8		Nonazeotrope	206
11049	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	255
11050	C ₁₀ H ₂₂ O	Amyl ether	187.5	169.0	67	236
11051	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	164.95	54	250
11052	C ₁₀ H ₂₂ O ₂	Acetaldehyde dibutyl acetal	188.8	170.6	42	62
11053	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4		Nonazeotrope	236
11054	C ₁₂ H ₁₈	Triethylbenzene	215.5		Nonazeotrope	206
A =	C₆H₁₄O₂	Pinacol	174.35			
11055	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	<157.0	....	255
11056	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	158.0	>13	247
11057	C ₇ H ₈	Toluene	110.7		Nonazeotrope	220
11058	C ₇ H ₈ O	Anisole	174.35	153.5	....	225
11059	C ₇ H ₈ O	<i>m</i> -Cresol	202.2		Nonazeotrope	224
11060	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.5	8	255
11061	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	255
11062	C ₇ H ₁₄	Methylcyclohexane	101.1		Nonazeotrope	217
11063	C ₇ H ₁₆	Heptane	98.45		Nonazeotrope	217
11064	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	217
11065	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	163.5?	28?	255
11066	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	168.7	44	256
11067	C ₈ H ₁₀ O	Phenetole	170.4	165.2	33	252
11068	C ₈ H ₁₁ N	Dimethylaniline	194.05	<169.5	>60	231
11069	C ₈ H ₁₄ O	Methylheptenone	173.2	171.7	40	232
11070	C ₈ H ₁₆ O	2-Octanone	172.85	171.5	35	232
11071	C ₈ H ₁₈	2,5-Dimethylhexane	109.4		Nonazeotrope	255
11072	C ₈ H ₁₈	Octane	125.75		Nonazeotrope	255
11073	C ₉ H ₁₂	Mesitylene	164.6	160.2	35	252
11074	C ₉ H ₁₂	Propylbenzene	159.3	156.3	28	247
11075	C ₉ H ₁₂	Pseudocumene	168.2	162.9	38	247
11076	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<171.5	>62	255
11077	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	<169.8	>10	255
11078	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	<173.9	....	255
11079	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	217
11080	C ₁₀ H ₁₄	Cymene	176.7	167.7	50	247
11081	C ₁₀ H ₁₆	Camphene	159.6	155.5	~28	217
11082	C ₁₀ H ₁₆	Dipentene	177.7	166.7	~50	255
11083	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171	~45	217
11084	C ₁₀ H ₁₆	α -Pinene	155.8	152.5	....	217
11085	C ₁₀ H ₁₈ O	Cineole	176.35	168.5	45	247
11086	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	~144?	....	243

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₄O₂	Pinacol (<i>continued</i>)	174.35			
11087	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	167.2	40	256
A =	C₆H₁₄O₃	Dipropylene Glycol	229.2			
11088	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	212.0	30	255
11089	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	216.9	>21	234
11090	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	225.0	62?	234
11091	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		255
11092	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		255
11093	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		255
11094	C ₈ H ₈ O ₃	Methyl salicylate	222.95	213.0	35	255
11095	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	221.0	45	255
11096	C ₉ H ₇ N	Quinoline	237.3	<228.0	<72	255
11097	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	218.2	55	255
11098	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		255
11099	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	225.5	60	247
11100	C ₁₀ H ₁₀ O ₂	Safrole	235.9	222.0	50	247
11101	C ₁₀ H ₁₂ O	Anisole	235.7	221.5	48	247
11102	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		255
11103	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		255
11104	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	226.5	65	255
11105	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	211.0	30	255
11106	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	<211.5	>24	255
11107	C ₁₂ H ₁₆ O	Phenyl ether	259.0	<228.0	<77	255
11108	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		255
11109	C ₁₂ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		255
11110	C ₁₄ H ₁₄ O	Benzyl ether	297.0	Nonazeotrope		255
A =	C₆H₁₄O₃	2-(2-Ethoxyethoxy)ethanol	195.0			
11111	C ₇ H ₈ O	<i>m</i> -Cresol	202.4	...	36.8, V-1.	292
11112	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	205.5	70	255
11113	C ₇ H ₈ O	<i>p</i> -Cresol	202.0	...	38, V-1.	292
			202.0	209.0	50	247
11114	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	Nonazeotrope		255
11115	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		255
11116	C ₈ H ₁₆ O	3,4-Xylenol	226.8	Nonazeotrope		255
11117	C ₈ H ₁₁ N	Dimethylaniline	194.15	<193.0	>10	255
11118	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	<201.0	>38	255
11119	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		255
11120	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		255
11121	C ₉ H ₁₃ N	Dimethyl- <i>p</i> -toluidine	210.2	199.5	...	255
11122	C ₁₀ H ₈	Naphthalene	218.0	200.5	...	255
11123	C ₁₀ H ₁₂ O	Estragole	215.6	201.0	87	255
11124	C ₁₀ H ₁₄	Butylbenzene	183.1	181.3	18	255
11125	C ₁₀ H ₁₅ N	Diethylaniline	217.05	<200.5	>85	255
11126	C ₁₀ H ₁₆	Dipentene	177.7	173.0	23	255
11127	C ₁₀ H ₁₈ O	Cineole	176.35	<175.5	...	255
11128	C ₁₀ H ₂₂ O	Amyl ether	187.5	<183.0	...	255
11129	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
11130	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	190.5	25	247
11131	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	198.5	55	247
A =	C₆H₁₄O₄	Triethylene Glycol	288.7			
11132	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		255
11133	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	273.4	33	207
11134	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	261.5	5	207
11135	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		236
11136	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		206
11137	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		206
11138	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	277.0	33	206
11139	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		255
11140	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		206
11141	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
11142	C ₁₁ H ₁₅ O ₂	Ethyl cinnamate	272.0	<271.5	>7	255
11143	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		206
11144	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		206
11145	C ₁₂ H ₁₀	Acenaphthene	277.9	271.5	35	207

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₆H₁₄O₄	Triethylene Glycol (<i>continued</i>)	288.7			
11146	C ₁₂ H ₁₀	Biphenyl	256.1	255.3	10	236
11147	C ₁₂ H ₁₀ O	Phenyl ether	259.0	258.7	3	236
11148	C ₁₃ H ₁₄ O ₄	Ethyl phthalate	298.5	<285.5	>58	255
11149	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	261.4	14	207
11150	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	269.0	30	255
11151	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Reacts		206
11152	C ₁₃ H ₁₀ O ₂	Phenyl benzoate	315	286.0	80	206
11153	C ₁₃ H ₁₂	Diphenylmethane	265.4	263.0	20	236
11154	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	280.0	40	206
11155	C ₁₄ H ₁₂	Stilbene	306.5	284.5	60	206
11156	C ₁₄ H ₁₄	1,2-Diphenylmethane	284.5	275.5	42	206
A =	C₆H₁₄S	Isopropyl Sulfide	120.5			
11157	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
11158	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		255
11159	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		255
11160	C ₈ H ₁₈ O	Isobutyl ether	122.3	<119.8	>64	246
A =	C₆H₁₄S	Propyl Sulfide	141.5			
11161	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	<140.7	>65	246
11162	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	~134.0	~10	212
11163	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	~137.5	...	211
11164	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	<138.2	>7	255
11165	C ₈ H ₁₈ O	Butyl ether	142.4	140.3	62	242
A =	C₆H₁₅BO₃	Ethyl Borate	118.6			
11166	C ₇ H ₈	Toluene	110.75	Nonazeotrope		210
11167	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		226
11168	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		226
11169	C ₈ H ₁₈ O	Butyl ether	122.3	<116.8	...	237
A =	C₆H₁₅N	Dipropylamine	109.2			
11170	C ₇ H ₈	Toluene	110.75	<108.5	>53	231
11171	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		207
11172	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		231
11173	C ₈ H ₁₈	2,4-Dimethylhexane	109.4	<108.0	<54	231
11174	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		231
A =	C₆H₁₅N	Isohexylamine	123.5			
11175	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
11176	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<120.0	...	255
11177	C ₈ H ₁₈ O	Isobutyl ether	122.3	<121.8	...	255
A =	C₆H₁₄N	Triethylamine	89.35			
11178	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		231
11179	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		231
A =	C₆H₁₅NO	2-(Diethylamino)ethanol	162.2			
11180	C ₇ H ₈	Toluene	110.75	Nonazeotrope		255
11181	C ₇ H ₈ O	Anisole	153.85	<148.0	>19	231
11182	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		231
11183	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
11184	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		255
11185	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	57.0	91	24
11186	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<136.0	>8	255
11187	C ₈ H ₁₁ N	Dimethylaniline	194.15	<160.5	>58	231
11188	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		231
11189	C ₁₀ H ₁₆	Camphene	159.6	<146.5	...	255
11190	C ₁₀ H ₁₈ O	Cineole	176.35	<158.0	...	255
11191	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<156.5	>58	231
A =	C₇H₅Cl₃	α,α,α-Trichlorotoluene	220.8			
11192	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		234
11193	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	219.45	75.5	234
11194	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		234
11195	C ₇ H ₈ O	Benzyl alcohol	205.2	Reacts		215
11196	C ₇ H ₈ O ₂	Guaiacol	205.05	Reacts		215
11197	C ₇ H ₉ N	<i>o</i> -Toluidine	200.3	Nonazeotrope		218
11198	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		227

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₅Cl₃	α,α,α-Trichlorotoluene	220.8			
		<i>(continued)</i>				
11199	C ₈ H ₉ O ₃	Methyl salicylate	222.35	220.75	~97	218
11200	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.5		Nonazeotrope	255
11201	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7		Nonazeotrope	215
11202	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35		Nonazeotrope	232
11203	C ₉ H ₁₀ O	Propiophenone	217.7		Nonazeotrope	232
11204	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9		Nonazeotrope	215
11205	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6		Nonazeotrope	254
11206	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0		Nonazeotrope	218
11207	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7		Nonazeotrope	225
11208	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	254
11209	C ₁₀ H ₁₂ O	Estragole	215.6		Nonazeotrope	215
11210	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75		Nonazeotrope	218
11211	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85		Nonazeotrope	218
11212	C ₁₀ H ₁₄ O	Carvone	231.0		Nonazeotrope	231
11213	C ₁₀ H ₁₄ O	Thymol	232.9		Reacts	222
11214	C ₁₀ H ₁₆ N	Diethylaniline	217.05		Nonazeotrope	218
11215	C ₁₁ H ₂₂ O ₄	Isoamyl carbonate	232.2		Nonazeotrope	227
11216	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
11217	C ₁₂ H ₂₀ O ₂	Bornyl acetate	~227.7		Nonazeotrope	215
A =	C₇H₅N	Benzonitrile	191.1			
11218	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	183.8	11.5	250
11219	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	181.4	....	245
11220	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	184.3	15	245
11221	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	~181	....	243
11222	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4		Nonazeotrope	245
11223	C ₇ H ₈ O	Benzyl alcohol	205.25		Nonazeotrope	245
11224	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	202.5	11	207
11225	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	195.95	49	250
11226	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	202.1	14	207
11227	C ₇ H ₉ N	Methylaniline	196.25		Nonazeotrope	255
11228	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35		Nonazeotrope	255
11229	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35		Nonazeotrope	255
11230	C ₇ H ₁₆ O	Heptyl alcohol	176.15		Nonazeotrope	245
11231	C ₈ H ₈ O ₂	Phenyl acetate	195.7	<189.5	>51	
11232	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	245
11233	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	245
11234	C ₈ H ₁₁ N	Dimethylaniline	194.15		Nonazeotrope	255
11235	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope	255
11236	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	<189.2	<70	207
11237	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	180.05	11	250
11238	C ₈ H ₁₈ S	Butyl sulfide	185.0	<184.5	<12	255
11239	C ₈ H ₁₈ S	Isobutyl sulfide	172.0		Nonazeotrope	246
11240	C ₈ H ₁₈ O	Benzyl ethyl ether	185.0	182.5	27	245
11241	C ₈ H ₁₈ O ₂	Butyl isovalerate	177.6		Nonazeotrope	245
11242	C ₈ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.85	8	207
11243	C ₈ H ₁₈ O ₂	Isoamyl isobutyrate	169.8		Nonazeotrope	245
11244	C ₈ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	245
11245	C ₁₀ H ₁₈ O	Cineole	176.35	175.6	14	207
11246	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	<189.0	>42	207
11247	C ₁₀ H ₂₂ O	Amyl ether	187.5	180.5	42	207
11248	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.4	16	207
11249	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<186.0	....	245
A =	C₇H₅NO	Phenyl Isocyanate	162.8			
11250	C ₈ H ₁₀ S	Butyl sulfide	185.0		Nonazeotrope	255
11251	C ₈ H ₁₀ S	Isobutyl sulfide	172.0		Nonazeotrope	255
A =	C₇H₅Cl₂	α,α-Dichlorotoluene	205.2			
11252	C ₇ H ₆ O ₂	Benzoic acid	250.8		Nonazeotrope	255
11253	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75		Nonazeotrope	255
11254	C ₇ H ₈ O	Benzyl alcohol	205.5	182?	....	243
11255	C ₇ H ₈ O	<i>m</i> -Cresol	202.8		Reacts	243
11256	C ₇ H ₈ O	<i>o</i> -Cresol	190.8		Reacts	243
11257	C ₇ H ₈ O	<i>p</i> -Cresol	201.8		Reacts	243
11258	C ₇ H ₉ N	Methylaniline	196.1		Reacts	243

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₆Cl₂	<i>α,α</i>-Dichlorotoluene	(continued)	205.2		
11259	C ₇ H ₉ N	<i>o</i> -Toluidine	200.3	Nonazeotrope		218
11260	C ₇ H ₉ N	<i>p</i> -Toluidine	200.3	Reacts		243
11261	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Nonazeotrope		243
11262	C ₈ H ₈ O	Acetophenone	202	Nonazeotrope		243
11263	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		218
11264	C ₈ H ₈ O ₂	Methyl benzoate	199.55	Nonazeotrope		243
11265	C ₈ H ₈ O ₂	Phenyl acetate	195.5	Nonazeotrope		243
11266	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
11267	C ₈ H ₁₁ N	Ethylaniline	206.3	Reacts		243
11268	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Nonazeotrope		227
11269	C ₈ H ₁₄ O ₄	Propyl oxalate	212	Nonazeotrope		227
11270	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	201.3	45	243
11271	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	194.5	~10	211
11272	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		218
11273	C ₉ H ₁₀ O ₄	Ethyl benzoate	213	Nonazeotrope		243
11274	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		243
11275	C ₁₀ H ₁₆ O	Camphor	209.1	209.7	25	231
11276	C ₁₀ H ₁₈ O	Borneol	213.4	205.0	~85	218
11277	C ₁₀ H ₁₈ O	Citronellal	~207.8	Nonazeotrope		218
11278	C ₁₀ H ₁₈ O	Menthone	207	Azeotrope doubtful		243
11279	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		255
11280	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
11281	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
11282	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		218
A =	C₇H₆O	Benzaldehyde	179.2			
11283	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	<179.0	<92	255
11284	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	178.5	...	225
11285	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	Nonazeotrope		225
11286	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	177.9	50	243
11287	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.15	Nonazeotrope		228
11288	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		225
11289	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		255
11290	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		255
11291	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		255
11292	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	192.0	23	218
11293	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		225
11294	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	<178.8	<92	255
11295	C ₇ H ₁₆ O	Heptyl alcohol	176.15	<174.5	<45	255
11296	C ₈ H ₈	Styrene	145.8	Nonazeotrope		255
11297	C ₈ H ₉ Cl	<i>o, m, p</i> -Chloroethylbenzene, 10 mm.	67.5	63.5	57	24
11298	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
11299	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<167.0	...	255
11300	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		255
11301	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<175.5	...	255
11302	C ₈ H ₁₀ O	Phenetole	170.45	<169.8	<12	255
11303	C ₈ H ₁₁ N	Dimethylaniline	194.05	Reacts		243
11304	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
11305	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
11306	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		255
11307	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
11308	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	<171.3	...	255
11309	C ₈ H ₁₈ O	Butyl ether	142.6	Nonazeotrope		255
11310	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
11311	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	174	~25	243
11312	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
11313	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<117.5	<92	255
11314	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		232
11315	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
11316	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	~176.3	38	216
11317	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
11318	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	170.85	10	255
11319	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		225
11320	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		255
11321	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255
11322	C ₁₀ H ₁₄	Butylbenzene	183.1	<176.5	<65	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₆O	Benzaldehyde (continued)	179.2			
11323	C ₁₀ H ₁₄	Cymene	175.3	171	28	243
11324	C ₁₀ H ₁₆	Camphene	159.6	158.45	15.5	228
11325	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171.2	43	243
11326	C ₁₀ H ₁₆	Nopinene	163.8	<162.0	<25	228
11327	C ₁₀ H ₁₆	α -Phellandrene	171.5	170	....	243
11328	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		255
11329	C ₁₀ H ₁₆	α -Pinene	155.8	~155.0	~10	228
11330	C ₁₀ H ₁₆	α -Terpinene	173.4	<170.0	<38	255
11331	C ₁₀ H ₁₆	γ -Terpinene	179.9	~173.0	~48	228
11332	C ₁₀ H ₁₆	Terpinolene	185	<176.5	>70	243
11333	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		232
11334	C ₁₀ H ₁₆ O	Cineole	176.35	172.05	36	236
			176.3	Nonazeotrope		243
11335	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	<159.5	....	255
11336	C ₁₀ H ₂₂ O	Amyl ether	187.5	175.2	....	236
11337	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	168.6	37.5	207
11338	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	178.0	92?	255
11339	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
11340	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		255
11341	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		255
A =	C₇H₆O₂	Benzoic Acid	250.8			
11342	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		234
11343	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		234
11344	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	237.4	11	234
11345	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	Nonazeotrope		255
11346	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		218
11347	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
11348	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		221
11349	C ₉ H ₈ O	Cinnamaldehyde	253.5	~250.2	~90	218
11350			253.5	Nonazeotrope		255
11351	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
11352	C ₉ H ₁₀ O ₂	Ethyl salicylate	234.0	233.85	6	218
11353	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	249.9	~95	221
			281.8	Nonazeotrope		244
11354	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	247.8	57	221
11355	C ₁₀ H ₈	Naphthalene	218.05	217.7	5	218
11356	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	246.5	53.5	236
11357	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		221
11358	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		217
			235.9	234.75	12.5	236
11359	C ₁₀ H ₁₂ O	Anethole	235.7	234.6	12	242
11360	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		255
11361	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	250.4	96.5	218
11362	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		222
11363	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
11364	C ₁₀ H ₁₄ O	Carvacrol	237.85	<237.75	....	255
11365	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		255
11366	C ₁₀ H ₁₄ O	Thymol	232.9	232.85?	1.5?	218
11367	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		221
11368	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	248.0	43	255
11369	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	251.8	70	242
11370	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	239.6	27	218
11371	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	237.25	25	207
11372	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		217
			255.0	250.3	89	218
11373	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	245.5	35	242
11374	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		221
11375	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	241.15	~12	218
11376	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		255
11377	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		255
11378	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		255
11379	C ₁₂ H ₁₀	Acenaphthene	277.9	~250.0	....	221
11380	C ₁₂ H ₁₀	Biphenyl	277.9	246.05	50.5	221
11381	C ₁₂ H ₁₀ O	Phenyl ether	257	Nonazeotrope		242
			259.3	247.3	59	236

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₆O₂	Benzoic Acid (<i>continued</i>)	250.8			
11382	C ₁₃ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		255
11383	C ₁₃ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		223
11384	C ₁₃ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		221
11385	C ₁₃ H ₁₆	Fluorene	295	Nonazeotrope		255
11386	C ₁₃ H ₁₂	Diphenylmethane	265.6	248.95	82	218
11387	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		255
11388	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		255
11389	C ₁₄ H ₁₄	1,2-Diphenylethane	284	Nonazeotrope		223
A =	C₇H₇Br	α-Bromotoluene	198.5			
11390	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		243
11391	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Reacts		243
11392	C ₇ H ₉ N	Methylaniline	196.1	Reacts		243
11393	C ₇ H ₉ N	<i>p</i> -Toluidine	200.3	Reacts		243
11394	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	197.3	58	243
11395	C ₈ H ₈ O	Acetophenone	202	Nonazeotrope		243
11396	C ₈ H ₈ O ₂	Benzyl formate	203.0	<198.0	...	255
11397	C ₈ H ₈ O ₂	Methyl benzoate	199.45	Nonazeotrope		255
	C ₈ H ₈ O ₂	Methyl benzoate	199.55	~197.5	~59	243
11398	C ₈ H ₈ O ₂	Phenyl acetate	195.5	194.5	~43	243
11399	C ₈ H ₁₁ N	Dimethylaniline	194.05	Reacts		243
11400	C ₈ H ₁₄ O ₄	Propyl oxalate	214.5	Nonazeotrope		255
11401	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4	197.6	~73	243
11402	C ₈ H ₁₈ O	Octyl alcohol	195.2	193.5	68	255
11403	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
11404	C ₈ H ₁₈ O	Phenyl propyl ether	190.5	Nonazeotrope		255
11405	C ₈ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
11406	C ₈ H ₁₈ O ₂	Isobutyl carbonate	190.3	Nonazeotrope		227
11407	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		243
11408	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope (reacts)		255
11409	C ₁₀ H ₁₈ O	Menthone	~207	Nonazeotrope		243
11410	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
11411	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		227
11412	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		239
A =	C₇H₇Br	<i>m</i>-Bromotoluene	184.3			
11413	C ₇ H ₈ O	Benzyl alcohol	205.25	<184.15	...	255
11414	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	183.05	78	207
11415	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		207
11416	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		207
11417	C ₇ H ₁₄ O ₂	Enanthic acid	221.3	Nonazeotrope		207
11418	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	180.4	40	247
11419	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		207
11420	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		207
11421	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4	Nonazeotrope		255
11422	C ₈ H ₁₈ O	Octyl alcohol	195.2	184.05	91	207
11423	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	178.9	43	207
11424	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		239
11425	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	184.25	87	244
11426	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
11427	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
11428	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	182.8	75	242
11429	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
11430	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		207
11431	C ₁₀ H ₁₆	α-Terpinene	173.4	Nonazeotrope		207
11432	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		207
A =	C₇H₇Br	<i>o</i>-Bromotoluene	181.75			
11433	C ₇ H ₇ Cl	α-Chlorotoluene	179.35	Nonazeotrope		243
11434	C ₇ H ₈ O	Benzyl alcohol	205.15	181.25	93?	211
11435	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		224
11436	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	180.3	81	222
11437	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		222
11438	C ₇ H ₉ N	<i>m</i> -Toluidine	200.55	Nonazeotrope		231
11439	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		231
11440	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		231
11441	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₇Br	<i>o</i>-Bromotoluene (continued)	181.75			
11442	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	180	56	243
11443	C ₇ H ₁₆ O	Heptyl alcohol	176.15	174.0	33	247
11444	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05			228
11445	C ₈ H ₁₀ O	Phenetole	170.35			253
11446	C ₈ H ₁₁ N	Dimethylaniline	194.15			231
11447	C ₈ H ₁₄ O	Methylheptenone	173.2			232
11448	C ₈ H ₁₆ O	2-Octanone	172.85			232
11449	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	181.0	...	209
11450	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	177.0	48	252
11451	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8			255
11452	C ₉ H ₈	Indene	182.3	<180.5	...	243
11453	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3			231
11454	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6			227
11455	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7			255
11456	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5			227
11457	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0			227
11458	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7			243
11459	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	180.5	~90	243
			190.3			227
11460	C ₁₀ H ₁₄	Cymene	176.7			213
11461	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8			215
			177.8	177.3	~17	243
11462	C ₁₀ H ₁₆	α -Terpinene	173.4			255
11463	C ₁₀ H ₁₆	γ -Terpinene	181.5	181.0	...	213
11464	C ₂₁ H ₁₆	Terpinolene	184.6			255
11465	C ₁₀ H ₁₆	Thymene	179.7	179.55	~15	253
11466	C ₁₀ H ₁₈ O	Cineole	176.4			208
11467	C ₁₀ H ₁₈ O	Linalool	198.6			209
11468	C ₁₀ H ₁₉ N	Bornylamine	199.8			255
11469	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7			227
11470	C ₁₀ H ₂₂ O	Isoamyl ether	173.5			228
A =	C₇H₇Br	<i>p</i>-Bromotoluene	185.0			
11471	C ₇ H ₈ O	Benzyl alcohol	205.2	~184.5	~92	215
11472	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	184.8	~95	222
11473	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	182.7	72	213
11474	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	184.8	~93	222
11475	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35			231
11476	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55			231
11477	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2			227
11478	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	180.2	38	247
11479	C ₈ H ₈ O ₂	Phenyl acetate	195.7			227
11480	C ₈ H ₁₀ O	2,4-Xylenol	210.5			255
11481	C ₈ H ₁₁ N	Dimethylaniline	194.15			231
			194.05	184.2	85	215
11482	C ₈ H ₁₈ O	Octyl alcohol	195.2	184.6	90	255
11483	C ₉ H ₁₄ O	Phorone	197.8			232
11484	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6			255
11485	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5			227
11486	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	182.9	~35	243
11487	C ₁₀ H ₁₄	Butylbenzene	183.1			255
11488	C ₁₀ H ₁₄	Cymene	176.7			255
11489	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8			215
11490	C ₁₀ H ₁₆	α -Terpinene	173.4			255
11491	C ₁₀ H ₁₆	γ -Terpinene	183	182.8	15	255
11492	C ₁₀ H ₁₆	Terpinolene	185	~183	...	243
11493	C ₁₀ H ₁₆	Thymene	179.7			215
11494	C ₁₀ H ₁₆ O	Fenchone	193.6			255
11495	C ₁₀ H ₁₈ O	Cineole	176.35			253
11496	C ₁₀ H ₁₈ O	Linalool	198.6			212
11497	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7			227
A =	C₇H₇BrO	<i>o</i>-Bromoanisole	217.7			
11498	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<214.3	<10	255
11499	C ₇ H ₈ O	<i>m</i> -Cresol	202.2			255
11500	C ₈ H ₁₀ O	3,4-Xylenol	226.8			255

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₇H₇BrO	<i>o</i>-Bromoanisole (<i>continued</i>)	217.7			
11501	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		255
11502	C ₁₀ H ₈	Naphthalene	218.0	<216.5	>55	242
11503	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		228
11504	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
11505	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	~215.0	>15	228
A =	C₇H₇BrO	<i>p</i>-Bromoanisole	217.7			
11506	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.25	Nonazeotrope		255
11507	C ₉ H ₁₀ O	Propiophenone	217.7	<217.4	>54	255
11508	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		255
A =	C₇H₇Cl	α-Chlorotoluene	179.3			
11509	C ₇ H ₈ O	Benzyl alcohol	205.15	Nonazeotrope		210
11510	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		243
11511	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<168.2	<34	255
11512	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	204.0	88	255
11513	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	178.0	~70	243
11514	C ₇ H ₁₆ O	Heptyl alcohol	176.15	<173.5	<51	255
11515	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
11516	C ₈ H ₁₀ O	Phenetole	170.35	Nonazeotrope		210
11517	C ₈ H ₁₁ N	Dimethylaniline	194.05	Reacts		243
11518	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
11519	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
11520	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		227
11521	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
11522	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		255
11523	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.4	Nonazeotrope		227
11525	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	Nonazeotrope		210
11526	C ₈ H ₁₈ O	<i>rec</i> -Octyl alcohol	179.0	165.7	...	211
11527	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
11528	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
11529	C ₉ H ₁₂	Pseudocumene	169	Nonazeotrope		243
11530	C ₉ H ₁₄ O ₂	Butyl isovalerate	177.6	Nonazeotrope		227
11531	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	~178.2	30?	210
11532	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		227
11533	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		218
11534	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	Nonazeotrope		227
11535	C ₁₀ H ₁₄	Cymene	175.8	174	<20	243
11536	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		255
11537	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.8	46	243
11538	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
11539	C ₁₀ H ₁₆	α -Phellandrene	171.5	170?	...	243
11540	C ₁₀ H ₁₆	α -Terpinene	173.4	173.0	...	242
11541	C ₁₀ H ₁₆	γ -Terpinene	181.5	176.9	~70	218
11542	C ₁₀ H ₁₆	Terpinolene	185	~177.5	...	243
11543	C ₁₀ H ₁₆	Thymene	179.7	177.2	~52	211
11544	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	<170.0	<15	242
11545	C ₁₀ H ₁₈ O	Cineol	176.3	175.5	~19	243
11546	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		212
11547	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		253
A =	C₇H₇Cl	<i>o</i>-Chlorotoluene	159.15			
11548	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		238
11549	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
11550	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	158.4	...	255
11551	C ₇ H ₁₄ O ₂	Methyl caproate	151.0	Nonazeotrope		227
11552	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		239
11553	C ₈ H ₁₄ O	Phenetole	170.45	Nonazeotrope		239
11554	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
11555	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		227
11556	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	158.0	>65	218
11557	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	155.5	<50	243
			156.8	Nonazeotrope		227
11558	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		227
11559	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		227
11560	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
11561	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₇Cl	<i>o</i>-Chlorotoluene (<i>continued</i>)	159.15			
11562	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
11563	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		218
11564	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
11565	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
11566	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		218
11567	C ₁₀ H ₁₆	Camphene	159.6	~158.0	....	218
11568	C ₁₀ H ₁₆	Nopinene	163.8	<158.5	>63	242
11569	C ₁₀ H ₁₆	α -Pinene	155.8	154.5	....	242
11570	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
A =	C₇H₇Cl	<i>p</i>-Chlorotoluene	161.3			
11571	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		243
11572	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		255
11573	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	161.1	75	247
11574	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
11575	C ₇ H ₁₆ O	Heptyl alcohol	176.15	161.9	~92	255
11576	C ₈ H ₁₀ O	Phenetole	170.35	Nonazeotrope		253
11577	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
11578	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
11579	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		227
11580	C ₈ H ₁₆ O ₂	Ethyl caproate	167.9	Nonazeotrope		227
11581	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	159.5	....	227
11582	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		253
11583	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		246
11584	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255
11585	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
11586	C ₉ H ₁₂	Mesitylene	164.0	160.5	~72	243
11587	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		218
11588	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
11589	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
11590	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
11591	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
11592	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
11593	C ₁₀ H ₁₆	Camphene	159.6	~158.0	....	215
11594	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		255
11595	C ₁₀ H ₁₆	Nopinene	163.8	160.2	....	243
11596	C ₁₀ H ₁₆	α -Pinene	155.8	<155.5	<20	255
11597	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
11598	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	Nonazeotrope		255
11599	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		239
11600	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	158.5	~50	243
A =	C₇H₇ClO	<i>m</i>-Chloroanisole	193.3			
11601	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		255
11602	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
A =	C₇H₇ClO	<i>o</i>-Chloroanisole	195.7			
11603	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	<189.8	>20	242
A =	C₇H₇ClO	<i>p</i>-Chloroanisole	193.3			
11604	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		255
11605	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
11606	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
11607	C ₉ H ₁₄ O	Phorone	197.8	<197.4	....	255
11608	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255
11609	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		255
11610	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		255
11611	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₇H₇I	<i>p</i>-Iodotoluene	214.5			
11612	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		234
11613	C ₇ H ₈ O	Benzyl alcohol	205.15	~203.0	25?	209
11614	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	201.6	25	222
11615	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		243

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₇H₇I	<i>p</i>-Iodotoluene (<i>continued</i>)	214.5				
11616	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	201.0	23		222
11617	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope			231
11618	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope			231
11619	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope			231
11620	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	213.0	70?		255
11621	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	<198.8	>8		255
11622	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	211.5	83		242
11623	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope			255
11624	C ₈ H ₈ O ₂	Methyl salicylate	222.95	Nonazeotrope			255
11625	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	212.0	72		242
11626	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	<211.5	...		255
11627	C ₈ H ₁₀ O	2,4-Xylenol	210.5	207.5	38		255
11628	C ₈ H ₁₀ O	3,4-Xylenol	226.8	214.0	85		255
11629	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope			215
11630	C ₈ H ₁₀ O ₂	Veratrole	205.5	Nonazeotrope			215
11631	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope			231
11632	C ₈ H ₁₁ N	2,4-Xylidine	214.0	<212.5	...		255
11633	C ₈ H ₁₄ O ₄	Propyl oxalate	214	<209.2	>53		255
11634	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4	Nonazeotrope			255
11635	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope			255
11636	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope			255
11637	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope			233
11638	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope			232
11639	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	<212.3	>14		255
11640	C ₁₀ H ₂₀ O	Menthol	216.3	<213.0	...		255
11641	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope			255
11642	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<213.3	>42		242
A =	C₇H₇NO₂	<i>m</i>-Nitrotoluene	230.8				
11643	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope			234
11644	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope			255
11645	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	220.0	30		234
11646	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	226.4	77		234
11647	C ₈ H ₈ O ₂	Methyl salicylate	222.95	Nonazeotrope			234
11648	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope			234
11649	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	220.0	Nonazeotrope			234
11650	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	233.0	30		231
11651	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope			231
11652	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope			234
11653	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope			234
11654	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Nonazeotrope			234
11655	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	<229.8	<80		234
11656	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	<229.0	<70		234
11657	C ₉ H ₇ N	Quinoline	237.6	Nonazeotrope			234
11658	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope			234
11659	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope			255
11660	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope			255
11661	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope			234
11662	C ₉ H ₁₀ O ₂	Ethyl salicylate	253.8	Nonazeotrope			234
11663	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	229.5	68		234
11664	C ₉ H ₁₈ O ₂	Pelargonic acid	254.0	Nonazeotrope			255
11665	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope			234
11666	C ₁₀ H ₁₀ O ₂	Safrol	232	227	55		243
11667	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	230.0	48		234
11668	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope			234
11669	C ₁₀ H ₁₄ O	Carvone	231.0	230.5	...		225
11670	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope			234
11671	C ₁₀ H ₁₆ N	Diethylaniline	217.05	Nonazeotrope			231
11672	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope			255
11673	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope			256
11674	C ₁₀ H ₁₈ O	Geraniol	229.6	227.3	49		234
11675	C ₁₀ H ₁₈ O	α -Terpineol	218.85	218.65	8		234
11676	C ₁₀ H ₂₀ O	Citronellol	224.4	223.2	>26		234
11677	C ₁₀ H ₂₀ O	Menthol	216.3	<216.2	...		234
11678	C ₁₀ H ₂₂ O	<i>n</i> -Decanol	232.8	228.2	60		234

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₇H₇NO₂	<i>m</i>-Nitrotoluene	230.8				
11679	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6				234
11680	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15				234
11681	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1				234
11682	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9				234
11683	C ₁₁ H ₁₇ N	Isoamylaniline	256.0				231
11684	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<230.2	>56		234
11685	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	<226.5	>28		234
A =	C₇H₇NO₂	<i>o</i>-Nitrotoluene	221.75				
11686	C ₇ H ₈ O	Benzyl alcohol	202.25				234
			205.2	204.75	9		216
11687	C ₇ H ₈ O	<i>m</i> -Cresol	202.2				234
11688	C ₇ H ₉ N	Methylaniline	196.25				231
11689	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35				231
11690	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55				231
11691	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	<218.0	<60		234
11692	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol	245.25	<220.8	88		234
11693	C ₈ H ₈ O ₂	Phenyl acetate	228.75				234
11694	C ₈ H ₈ O ₃	Methyl salicylate	222.95	221.65	86		234
11695	C ₈ H ₁₀ O	2-Phenethyl alcohol	219.4	217.6	43		234
11696	C ₈ H ₁₀ O	2,4-Xylenol	210.5				255
11697	C ₈ H ₁₀ O	3,4-Xylenol	226.8				234
11698	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7				217
11699	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5				234
11700	C ₈ H ₁₀ O ₂	Veratrol	206.5				217
11701	C ₈ H ₁₁ N	Dimethylaniline	194.15				231
11702	C ₈ H ₁₁ N	Ethylaniline	205.5				231
11703	C ₈ H ₁₁ N	2,4-Xylidine	214.0				231
11704	C ₈ H ₁₁ N	3,4-Xylidine	225.5				231
11705	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5				231
11706	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85				234
11707	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	221.0	62		234
11708	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	<217.1	...		234
11709	C ₈ H ₁₆ O ₂	Caprylic acid	237.5	221.5	~95		221
11710	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2				234
11711	C ₉ H ₇ N	Quinoline	237.3				234
11712	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0				234
11713	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35				232
11714	C ₉ H ₁₀ O	Propiophenone	217.7				232
11715	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0				234
11716	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5				234
11717	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8				234
11718	C ₉ H ₁₂ O	3-Phenylpropanol	235.6				234
			235.6	235.3	92		225
11719	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2				231
11720	C ₁₀ H ₈	Naphthalene	218.0				234
11721	C ₁₀ H ₁₀ O ₂	Safrole	235.9				234
11722	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85				234
11723	C ₁₀ H ₁₄ O	Carvacrol	237.85				234
11724	C ₁₀ H ₁₄ O	Thymol	232.9				234
11725	C ₁₀ H ₁₆ N	Diethylaniline	217.05	216.85	12		231
11726	C ₁₀ H ₁₆ O	Camphor	209.1				232
11727	C ₁₀ H ₁₆ O	Pulegone	223.8				232
11728	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5				234
11729	C ₁₀ H ₁₈ O	Borneol	215.0	213.5	25		234
11730	C ₁₀ H ₁₈ O	Citronellal	208.0				234
11731	C ₁₀ H ₁₈ O	Geraniol	229.6	220.7	81		234
11732	C ₁₀ H ₁₈ O	Linalool	198.6				234
11733	C ₁₀ H ₁₈ O	α-Terpeneol	218.85	217.1	38		234
11734	C ₁₀ H ₁₈ O	β-Terpeneol	210.5	209.7	10		234
11735	C ₁₀ H ₂₀ O	Citronellol	224.4	219.8	62		234
11736	C ₁₀ H ₂₀ O	Menthol	216.3	214.65	34		234
11737	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8				234
11738	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	221.0	85		234
11739	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8				255

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₇H₇NO₂	<i>o</i>-Nitrotoluene (continued)		221.75			
11740	C ₁₁ H ₁₀	1-Methylnaphthalene		244.6	Nonazeotrope		234
11741	C ₁₁ H ₁₀	2-Methylnaphthalene		241.15	Nonazeotrope		234
11742	C ₁₁ H ₂₀ O	Methyl α -terpineol ether		216.2	215.0	15?	234
11743	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate		232.2	Nonazeotrope		234
11744	C ₁₂ H ₁₈	1,3,5-Triethylbenzene		215.5	Nonazeotrope		234
11745	C ₁₂ H ₂₀ O ₂	Bornyl acetate		227.6	221.15	73	234
A =	C₇H₇NO₂	<i>p</i>-Nitrotoluene		238.9			
11746	C ₇ H ₈ O	Benzyl alcohol		202.25	Nonazeotrope		234
11747	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]-ethanol		245.25	231.2	61	234
11748	C ₈ H ₈ O ₂	Anisaldehyde		249.5	Nonazeotrope		218
11749	C ₈ H ₈ O ₂	α -Toluic acid		266.8	Nonazeotrope		234
11750	C ₈ H ₁₀ O	3,4-Xylenol		226.8	Nonazeotrope		234
11751	C ₈ H ₁₀ O	2-Phenylethanol		219.4	Nonazeotrope		234
11752	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine		232.5	Nonazeotrope		231
11753	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine		249.9	Nonazeotrope		231
11754	C ₈ H ₁₆ O ₂	Caprylic acid		238.5	<235.0	<38	234
11755	C ₉ H ₇ N	Quinoline		237.3	237.2	8	233
11756	C ₉ H ₈ O	Cinnamyl aldehyde		253.5	Nonazeotrope		234
11757	C ₉ H ₁₀ O ₃	Ethyl salicylate		233.8	Nonazeotrope		234
11758	C ₉ H ₁₂ O	3-Phenylpropanol		235.6	234.0	38	234
11759	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol		265.2	Nonazeotrope		234
11760	C ₁₀ H ₇ Cl	1-Chloronaphthalene		262.7	Nonazeotrope		234
11761	C ₁₀ H ₁₀ O ₂	Isosafrole		252.1	Nonazeotrope		234
11762	C ₁₀ H ₁₀ O ₂	Safrole		235.9	234.5	18	234
11763	C ₁₀ H ₁₂ O ₂	Eugenol		254.8	Nonazeotrope		234
11764	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate		228.75	Nonazeotrope		234
11765	C ₁₀ H ₁₂ O ₂	Propyl benzoate		230.85	Nonazeotrope		234
11766	C ₁₀ H ₁₄ O	Carvacrol		237.85	237.7	>25	234
11767	C ₁₀ H ₁₄ O	Carvone		231.0	Nonazeotrope		232
11768	C ₁₀ H ₁₄ O	Thymol		232.9	Nonazeotrope		234
11769	C ₁₀ H ₁₈ O	Borneol		215.0	Nonazeotrope		234
11770	C ₁₀ H ₁₈ O	Geraniol		229.6	228.8	25	234
11771	C ₁₀ H ₁₈ O	α -Terpineol		217.8	~217.6	5	216
				218.0	Nonazeotrope		225
11772	C ₁₀ H ₁₈ O	β -Terpineol		210.5	Nonazeotrope		234
11773	C ₁₉ H ₂₆ O	Menthol		216.3	Nonazeotrope		234
				216.4	216.3	3	216
11774	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol		232.8	231.5	33	234
11775	C ₁₁ H ₁₀	1-Methylnaphthalene		244.6	Nonazeotrope		234
11776	C ₁₁ H ₁₀	2-Methylnaphthalene		241.15	Nonazeotrope		207
11777	C ₁₁ H ₁₄ O ₂	Butyl benzoate		249.5	Nonazeotrope		234
11778	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate		248.1	Nonazeotrope		234
11779	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate		241.9	238.6	70	234
11780	C ₁₁ H ₁₇ N	Isoamylaniline		256.0	Nonazeotrope		231
11781	C ₁₂ H ₁₀	Biphenyl		256.1	Nonazeotrope		234
11782	C ₁₂ H ₁₀ O	Phenyl ether		259.0	Nonazeotrope		234
11783	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate		277.5	Nonazeotrope		234
11784	C ₁₂ H ₂₀ O ₂	Bornyl acetate		227.6	227.45	10	234
A =	C₇H₈	Toluene		110.7			
11785	C ₇ H ₉ N	2,6-Lutidine		144	Nonazeotrope		242
11786	C ₇ H ₁₄	Ethylcyclopentane		103.5	103.0	7	203*, 270
11787	C ₇ H ₁₄	Methylcyclohexane		100.85	Nonazeotrope, V-1.		311
11788	C ₇ H ₁₄ O	2-Methylcyclohexanol		168.5	Nonazeotrope		255
11789	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate		120.8	Nonazeotrope		255
11790	C ₇ H ₁₆	<i>n</i> -Heptane		98.4	Nonazeotrope, V-1.		44, 379*
11791	C ₇ H ₁₆ O	Heptyl alcohol		176.15	Nonazeotrope		255
11792	C ₈ H ₁₀	Ethylbenzene		136.18	Nonazeotrope (b.p. curve)		432
11793	C ₈ H ₁₆	1,3-Dimethylcyclohexane		120.7	Nonazeotrope		255
11794	C ₈ H ₁₆	<i>cis</i> -1,3-Dimethylcyclohexane		120.1	110.6	96	270
11795	C ₈ H ₁₆	1,1,3-Trimethylcyclopentane		104.9	103.8	16	270
11796	C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,3-Trimethylcyclopentane		110.4	108.0	39	270
11797	C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,4-Trimethylcyclopentane		109.3	107.0	39	270

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₈	Toluene (<i>continued</i>)	110.7			
11798	C ₈ H ₁₆	2,3,4-Trimethyl-2-pentene	116	110	82	270
11799	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	107.0	35	270
11800	C ₈ H ₁₈	2-Methylheptane	117.6	110.3	82	270
11801	C ₈ H ₁₈	<i>n</i> -Octane	125.4	Nonazeotrope, V-l.		44
11802	C ₈ H ₁₈	2,3,4-Trimethylpentane	113.5	109.5	60	270
11803	C ₈ H ₁₈ O	Isobutyl ether	122	Nonazeotrope		217
11804	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
A =	C₇H₈O	Anisole	153.85			
11805	C ₇ H ₁₄ O	4-Heptanone	143.3	Nonazeotrope		225
11806	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		256
11807	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	Nonazeotrope		237
11808	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		237
11809	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		237
11810	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		207
11811	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		236
11812	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		229
11813	C ₈ H ₈	Styrene	145.8	Nonazeotrope		253
11814	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
11815	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		228
11816	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
11817	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		237
11818	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.4	Nonazeotrope		237
11819	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		237
			157	151	67	243
11820	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.0	Nonazeotrope		237
11821	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<153.6	...	237
11822	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		229
11823	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		231
11824	C ₈ H ₁₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		237
11825	C ₉ H ₁₂	Cumene	152.8	<152.0	>30	238
11826	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		238
11827	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		237
11828	C ₁₀ H ₁₆	Camphene	159.5	151.85	63	252
11829	C ₁₀ H ₁₆	Nopinene	163.8	152.3	74	238
11830	C ₁₀ H ₁₆	α -Pinene	155.8	150.45	56	243
11831	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		238
11832	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	153.2	66	238
11833	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	Nonazeotrope		243
A =	C₇H₈O	Benzyl Alcohol	205.2			
11834	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	207.1	61	222
11835	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		215
			190.8	206	...	243
11836	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	206.8	62	222
11837	C ₇ H ₈ O ₂	Guaiacol	205.05	204.25	43	236
11838	C ₇ H ₉ N	Methylaniline	196.25	195.8	30	231
			196.1	Nonazeotrope		225
11839	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		231
			203.2	203.1	47	228
11840	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		231
11841	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		231
11842	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		231
11843	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.0	Nonazeotrope		255
11844	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		251
			202	~201	...	243
11845	C ₈ H ₈ O ₂	Benzyl formate	~202.3	~202.0	...	215
11846	C ₈ H ₈ O ₂	Methyl benzoate	199.2	Nonazeotrope		209
11847	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		215
11848	C ₈ H ₈ O ₃	Methyl salicylate	205.2	Nonazeotrope		225
11849	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		255
11850	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
11851	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Min. b.p. ?		256
11852	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		255
11853	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		255
11854	C ₈ H ₁₀ O ₂	Veratrole	206.5	202.5	50	225

No.	Formula	B-Component	B.P., ° C.	Azeotropic Data		Ref.
		Name		B.P., ° C.	Wt. % A	
A =	C₇H₈O	Benzyl Alcohol (continued)	205.2			
11855	C ₈ H ₁₁ N	Dimethylaniline	194.05	193.9	6.5	231
11856	C ₈ H ₁₁ N	Ethylaniline	205.5	202.8	50	231
11857	C ₈ H ₁₁ N	2,4-Xylidine	214.0			231
11858	C ₈ H ₁₁ N	3,4-Xylidine	225.5			231
11859	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5			231
11860	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5			255
11861	C ₉ H ₇ N	Quinoline	237.3			233
11862	C ₉ H ₁₀ O	Propiophenone	217.7			232
11863	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9			209
11864	C ₉ H ₁₀ O ₂	Ethyl benzoate	213			243
11865	C ₉ H ₁₀ O ₂	Methyl α -toluate	215.3			255
11866	C ₉ H ₁₂	Mesitylene	164.6			220
11867	C ₉ H ₁₂ O	Phenyl propyl ether	190.5			255
11868	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	185.2	7	231
			185.3			225
11869	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	202.8	58	231
11870	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3			255
11871	C ₁₀ H ₈	Naphthalene	218.05	204.1	60	221
11872	C ₁₀ H ₁₀ O ₂	Safrole	235.9			236
11873	C ₁₀ H ₁₂ O	Anethole	235.7			255
11874	C ₁₀ H ₁₄	Cymene	176.7			217
11875	C ₁₀ H ₁₄ O	Thymol	232.9			255
11876	C ₁₀ H ₁₅ N	Diethylaniline	217.05	204.2	72	231
11877	C ₁₀ H ₁₆	Camphene	159.6			217
11878	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	176.4	11	221
11879	C ₁₀ H ₁₆	α -Pinene	155.8			243
11880	C ₁₀ H ₁₆	α -Terpinene	173.4			255
11881	C ₁₀ H ₁₆	Terpinene	180.5	179	13?	243
11882	C ₁₀ H ₁₆	Terpinolene	184.6	182.5	15	255
11883	C ₁₀ H ₁₆	Thymene	179.7	179.0	14	210
11884	C ₁₀ H ₁₆ O	Camphor	209.1			232
			208.9	205.45?	...	243
11885	C ₁₀ H ₁₈ O	Borneol	215.0	205.07	85.8	229
11886	C ₁₀ H ₁₈ O	Citronellal	207.8	202.9	56	209
11887	C ₁₀ H ₁₈ O	Menthone	209.5			232
			207	~204.8	...	243
11888	C ₁₀ H ₁₈ O	α -Terpineol	217.8			212
11889	C ₁₀ H ₂₀ O	Menthol	216.4			225
11890	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	<204.8	<82	255
11891	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7			255
11892	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8			246
11893	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9			217
11894	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15			255
11895	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5			255
11896	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4			236
11897	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2		Min. b.p. ?	256
11898	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2			225
11899	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.5	198.7	~50	243
11900	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	203.2	57	217
11901	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.5	201	39	236
11902	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	<203.0	<50	255
A =	C₇H₈O	<i>m</i>-Cresol	202.2			
11903	C ₇ H ₈ O	<i>o</i> -Cresol	191.1			228
11904	C ₇ H ₈ O	<i>p</i> -Cresol	200.9			134
11905	C ₇ H ₈ O ₂	Guaiacol	205.05			222
11906	C ₇ H ₉ N	Benzylamine	185.0	<207.2	<94	231
11907	C ₇ H ₉ N	Methylaniline	196.25			231
11908	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	205.5	53	231
11909	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	203.65	61.5	231
11910	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	204.3	62	231
11911	C ₇ H ₁₄ O ₂	Enanthic acid	222.0			255
11912	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15		Max. b.p.	224
11913	C ₇ H ₁₆ O ₂	2-Ethoxyethyl 2-methoxyethyl ether	194.2	...	63.6, V-1.	292
11914	C ₈ H ₈ O	Acetophenone	202.0	208.45	47.2	232
11915	C ₈ H ₈ O ₂	Benzyl formate	202.4	207.1	46	222

No.	Formula	B-Component	Azeotropic Data			
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₈O	<i>m</i> -Cresol (<i>continued</i>)	202.2			
11916	C ₈ H ₈ O ₂	Methyl benzoate	199.45	204.6	63	222
11917	C ₈ H ₈ O ₂	Phenyl acetate	195.7	204.4	70	222
11918	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		222
11919	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		255
11920	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		224
11921	C ₈ H ₁₀ O ₂	Veratrole	206.5	Nonazeotrope		222
11922	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
11923	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		231
11924	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		255
11925	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
11926	C ₈ H ₁₆ O ₂	2-Ethylcaproic acid	227	Nonazeotrope, V-l.		292
11927	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4	207.6	50	243
11928	C ₈ H ₁₈ O	Octyl alcohol	195.15	203.3	62	222
11929	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		222
11930	C ₈ H ₁₈ O ₂	Bis(2-ethoxyethyl) ether	188.9	...	62, V-l.	292
11931	C ₉ H ₈	Indene	182.6	Nonazeotrope		222
11932	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
11933	C ₉ H ₁₀ O	Propiophenone	217.7	218.6	17	232
11934	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
11935	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	215.5	12	222
11936	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	212.75	~9	222
11937	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		255
11938	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		231
11939	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		231
11940	C ₉ H ₁₄ O	Phorone	197.8	206.5	55	232
11941	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
11942	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	Nonazeotrope		224
11943	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		224
11944	C ₁₀ H ₈	Naphthalene	218.05	202.08	2.8?	221
11945	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		222
11946	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		255
11947	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		255
11948	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		224
11949	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
11950	C ₁₀ H ₁₆ N	Diethylaniline	217.05	Nonazeotrope		231
11951	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		224
11952	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
11953	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
11954	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		222
11955	C ₁₀ H ₁₆ O	Camphor	209.1	213.35	36.5	232
11956	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		222
11957	C ₁₀ H ₁₈ O	Citronellal	207.8	211.0	30	225
11958	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		255
11959	C ₁₀ H ₁₈ O	Linalool	198.6	Reacts		222
11960	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		224
11961	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		222
11962	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		255
11963	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	Nonazeotrope		244
11964	C ₁₁ H ₁₀	2-Methylnaphthalene	241.1	Nonazeotrope, V-l.		292
11965	C ₁₁ H ₂₀ O	α -Terpineol methyl ether	216.2	Nonazeotrope		222
11966	C ₁₂ H ₁₂	1-Ethyl-naphthalene	254.2	Nonazeotrope, V-l.		292
11967	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		222
11968	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		224
11969	C ₁₂ H ₁₄	2-Isopropyl-naphthalene	266.5	Nonazeotrope, V-l.		292
11970	C ₁₄ H ₃₀ O	Tetradecanol	260.0	Nonazeotrope, V-l.		292
11971	C ₁₅ H ₁₈	2-Amylnaphthalene	292.3	Nonazeotrope, V-l.		292
11972	C ₁₆ H ₃₀	Diisopropyl-naphthalene	305	Nonazeotrope, V-l.		292
A =	C₇H₈O	<i>o</i> -Cresol	191.1			
11973	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		225
11974	C ₇ H ₉ N	Benzylamine	185.0	201.45	67	231
11975	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
			196.1	196.7	~10	243
11976	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		231
11977	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		231
11978	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		231

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₈O	<i>o</i>-Cresol (continued)	191.1			
11979	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		255
11980	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Reacts		243
11981	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
11982	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	194.1	68	236
11983	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	193.3	69	222
11984	C ₇ H ₁₆ O	Heptyl alcohol	176.16	Nonazeotrope		255
11985	C ₈ H ₈	Styrene	145.8	Nonazeotrope		255
11986	C ₈ H ₈ O	Acetophenone	202.0	203.75	26	232
11987	C ₈ H ₈ O ₂	Benzyl formate	202.3	~203.0	~15	254
11988	C ₈ H ₈ O ₂	Methyl benzoate	199.45	200.3	21	222
11989	C ₈ H ₈ O ₂	Phenyl acetate	195.7	198.5	36	222
11990	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
11991	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		222
11992	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		236
11993	C ₈ H ₁₀ O ₂	Veratrole	206.5	Nonazeotrope		224
11994	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
			194.05	195.6	<30	243
11995	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		231
11996	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		231
11997	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		255
11998	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
11999	C ₈ H ₁₄ O	Methylheptenone	173.2	191.9	85	232
12000	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5	Nonazeotrope		243
12001	C ₈ H ₁₆ O	2-Octanone	172.85	192.05	76	207
12002	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	204.2	18	222
12003	C ₈ H ₁₈ O	Octyl alcohol	195.15	196.9	38	254
12004	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	191.4	~92	215
12005	C ₈ H ₁₈ S	Butyl sulfide	185.0	183.8	25	246
12006	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		246
12007	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255
12008	C ₉ H ₈	Indene	183.0	182.9	9	221
12009	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
12010	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
12011	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.9	Nonazeotrope		243
12012	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		243
12013	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
12014	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
12015	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		255
12016	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
12017	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	185.3	5	231
12018	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		255
12019	C ₉ H ₁₄ O	Phorone	197.8	201.3	35	232
12020	C ₉ H ₁₆ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
12021	C ₉ H ₁₆ O ₂	Butyl isovalerate	177.6	Nonazeotrope		255
12022	C ₉ H ₁₆ O ₂	Ethyl enanthate	188.7	193.7	60	242
12023	C ₉ H ₁₆ O ₂	Isoamyl butyrate	178.5	191.6	~83	253
12024	C ₉ H ₁₆ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		243
12025	C ₉ H ₁₆ O ₂	Methyl caprylate	192.9	195.8	33	242
12026	C ₉ H ₁₆ O ₃	Isobutyl carbonate	190.3	194.5	49	222
12027	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		218
12028	C ₁₀ H ₁₄	Cymene	175.3	~175	....	243
12029	C ₁₀ H ₁₆ N	Diethylaniline	217.05	Nonazeotrope		231
12030	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		222
12031	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	175.35	25	243
12032	C ₁₀ H ₁₆	Nopinene	163.8	Azeotrope doubtful (reacts)		243
12033	C ₁₀ H ₁₆	α -Phellandrene	171.5	1717	....	243
12034	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		243
12035	C ₁₀ H ₁₆	α -Terpinene	173.4	172.0	16	242
12036	C ₁₀ H ₁₆	Terpinene	181.5	177.8	28	222
12037	C ₁₀ H ₁₆	Terpinolene	184.6	179.5	34	242
12038	C ₁₀ H ₁₆	Thymene	179.7	176.6	73	253
12039	C ₁₀ H ₁₆ O	Camphor	209.1	209.85	15	232
12040	C ₁₀ H ₁₆ O	Fenchone	193.6	199.6	43	232
12041	C ₁₀ H ₁₇ Cl	Bornyl chloride	~210	Nonazeotrope		243

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₇H₈O	<i>o</i>-Cresol (continued)	191.1			
12042	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		243
12043	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		236
12044	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
12045	C ₁₀ H ₁₈ O	Linalool	198.6	199.0	~20	215
			198.6	Nonazeotrope		218
12046	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
12047	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		255
12048	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		222
12049	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
12050	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	195.45	33	250
12051	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope		255
12052	C ₁₀ H ₂₂ O	Amyl ether	187.5	186.2	...	236
12053	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		222, 236
12054	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		246
12055	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	189.7	68	242
12056	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		222
12057	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	204.9	Nonazeotrope		255
A =	C₇H₈O	<i>p</i>-Cresol	201.6			
12058	C ₇ H ₈ O ₂	Guaiacol	205.1	Nonazeotrope		208
12059	C ₇ H ₉ N	Benzylamine	185.0	>206.5	<95	231
12060	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		231
			196.1	~202.2	~93	243
12061	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	204.9	47	231
12062	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	203.5	57	231
12063	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	204.05	57	231
12064	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		255
12065	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Reacts		243
12066	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		255
12067	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		255
12068	C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate	171.75	203.3	82	207
12069	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	Nonazeotrope		222
12070	C ₇ H ₁₆ O ₂	2-Ethoxyethyl 2-methoxyethyl ether	194.2	64.7	V-1.	222
12071	C ₈ H ₈ O	Acetophenone	202.0	208.4	46.5	232
12072	C ₈ H ₈ O ₂	Benzyl formate	202.4	207.0	42	222
12073	C ₈ H ₈ O ₂	Methyl benzoate	199.4	204.35	40	207
12074	C ₈ H ₈ O ₂	Phenyl acetate	195.7	204.3	68	253
12075	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		222
12076	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		218
12077	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		222
12078	C ₈ H ₁₀ O ₂	Veratrole	206.5	Nonazeotrope		222
12079	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
12080	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		231
12081	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		231
			206.05	207.2	<20	242
12082	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		206
12083	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		206
12084	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5	Reacts		243
12085	C ₈ H ₁₆ O ₂	2-Ethylcaproic acid	227	Nonazeotrope, V-1.		222
12086	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4	207.25	48	243
12087	C ₈ H ₁₈ O	Octyl alcohol	195.2	202.25	70	244
12088	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.5	Nonazeotrope		243
12089	C ₈ H ₁₈ O ₂	Bis(2-ethoxyethyl) ether	188.9	...	63, V-1.	222
12090	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		246
12091	C ₉ H ₈	Indene	182.6	Nonazeotrope		222
12092	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
12093	C ₉ H ₁₀ O	Propiophenone	217.7	218.5	16.2	232
12094	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	~215.2	10	222
			215.6	Nonazeotrope		243
12095	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		222
12096	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		255
12097	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		231
12098	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		231
12099	C ₉ H ₁₄ O	Phorone	197.8	206.0	55	232
12100	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C_7H_8O	<i>p</i> -Cresol (<i>continued</i>)	201.6			
12101	$C_9H_{18}O_2$	Ethyl enanthate	188.7		Nonazeotrope	255
12102	$C_9H_{18}O_2$	Isoamyl butyrate	178.5		Nonazeotrope	222
12103	$C_9H_{18}O_2$	Methyl caprylate	192.9		Nonazeotrope	255
12104	$C_9H_{18}O_2$	Isobutyl carbonate	190.3	203.2	~80	243
12105	$C_{10}H_8$	Naphthalene	218.05		Nonazeotrope	222
12106	$C_{10}H_{12}O_2$	Ethyl α -toluate	228.75		Nonazeotrope	255
12107	$C_{10}H_{12}O_2$	Propyl benzoate	230.85		Nonazeotrope	255
12108	$C_{10}H_{14}$	Butylbenzene	183.1		Nonazeotrope	255
12109	$C_{10}H_{14}$	Cymene	176.7		Nonazeotrope	222
12110	$C_{10}H_{14}O$	Carvone	231.0		Nonazeotrope	232
12111	$C_{10}H_{15}N$	Diethylaniline	217.05		Nonazeotrope	231
12112	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	177.6	4	222
12113	$C_{10}H_{16}$	Nopinene	163.8		Nonazeotrope	255
12114	$C_{10}H_{16}$	α -Pinene	155.8		Nonazeotrope	255
12115	$C_{10}H_{16}$	α -Terpinene	173.4		Nonazeotrope	255
12116	$C_{10}H_{16}$	γ -Terpinene	183	181.8	13	255
12117	$C_{10}H_{16}$	Terpinene	180.5	~179	...	243
12118	$C_{10}H_{16}$	Terpinolene	184.6	183	16	255
12119	$C_{10}H_{16}$	Thymene	179.7		Nonazeotrope	224
12120	$C_{10}H_{16}O$	Camphor	209.1	213.5	30.5	232
12121	$C_{10}H_{16}O$	Fenchone	193.6	205.5	72	232
12122	$C_{10}H_{16}O$	Pulegone	223.8	224.2	97	232
12123	$C_{10}H_{17}Cl$	Bornyl chloride	~210	200.5	70	243
12124	$C_{10}H_{18}O$	Borneol	213.4	213.6	~10	215
12125	$C_{10}H_{18}O$	Cineole	176.35		Nonazeotrope	236
12126	$C_{10}H_{18}O$	Citronellal	207.8	210.5	...	225
12127	$C_{10}H_{18}O$	Geraniol	229.5		Nonazeotrope	255
12128	$C_{10}H_{18}O$	Linalool	198.6	204	~55	215
12129	$C_{10}H_{18}O$	Menthone	~206	211	~38	243
12130	$C_{10}H_{18}O$	α -Terpineol	218.0		Nonazeotrope	222
12131	$C_{10}H_{18}O$	β -Terpineol	210.5		Nonazeotrope	255
12132	$C_{10}H_{20}O$	Citronellol	224.4		Nonazeotrope	255
12133	$C_{10}H_{20}O$	Menthol	216.4		Nonazeotrope	215
			212	212	...	243
12134	$C_{10}H_{20}O_2$	Ethyl caprylate	208.35	209.5	25	255
12135	$C_{10}H_{20}O_2$	Isoamyl isovalerate	~193.5	~203.5	~74	253
			192.7		Nonazeotrope	222
12136	$C_{10}H_{22}O$	Amyl ether	187.5		Nonazeotrope	236
12137	$C_{10}H_{22}O$	Isoamyl ether	173.35		Nonazeotrope	244
12138	$C_{11}H_{18}$	2-Methylnaphthalene	241.1		Nonazeotrope, V-l.	207*, 292
12139	$C_{11}H_{20}O$	Isobornyl methyl ether	192.4		Nonazeotrope	255
12140	$C_{11}H_{22}O_2$	Isoamyl carbonate	232.2		Nonazeotrope	255
12141	$C_{12}H_{12}$	1-Ethyl naphthalene	254.2		Nonazeotrope, V-l.	292
12142	$C_{12}H_{18}$	1,3,5-Triethylbenzene	216	201.5	~96	243
12143	$C_{12}H_{20}O_2$	Bornyl acetate	227.7		Nonazeotrope	224
12144	$C_{12}H_{14}$	2-Isopropyl naphthalene	266.5		Nonazeotrope, V-l.	292
12145	$C_{14}H_{26}O$	Tetradecanol	260.0		Nonazeotrope, V-l.	292
12146	$C_{15}H_{18}$	2-Amylnaphthalene	292.3		Nonazeotrope, V-l.	292
12147	$C_{15}H_{20}$	Diisopropyl naphthalene	305		Nonazeotrope, V-l.	292
A =	$C_7H_9O_2$	Guaiacol	205.05			
12148	C_7H_9N	Methylaniline	196.25		Nonazeotrope	231
12149	C_7H_9N	<i>m</i> -Toluidine	203.1		Nonazeotrope	231
12150	C_7H_9N	<i>o</i> -Toluidine	200.35		Nonazeotrope	231
12151	C_7H_9N	<i>p</i> -Toluidine	200.55		Nonazeotrope	231
12152	$C_7H_{12}O_4$	Ethyl malonate	198.9		Nonazeotrope	243
12153	C_8H_8O	Acetophenone	202.0	205.25	67.5	232
12154	$C_8H_8O_2$	Benzyl formate	202.3	206.2	~90	254
12155	$C_8H_8O_2$	Methyl benzoate	199.45		Nonazeotrope	236
12156	$C_8H_8O_2$	Phenyl acetate	195.5		Nonazeotrope	243
12157	$C_8H_8O_3$	Methyl salicylate	222.95		Nonazeotrope	255
12158	$C_8H_{10}O$	Phenethyl alcohol	219.4		Nonazeotrope	215
12159	$C_8H_{10}O$	2,4-Xylenol	210.5		Nonazeotrope	255
12160	$C_8H_{10}O_2$	<i>m</i> -Dimethoxybenzene	214.7		Nonazeotrope	215
12161	$C_8H_{11}N$	Dimethylaniline	194.15		Nonazeotrope	231
12162	$C_8H_{11}N$	Ethylaniline	205.5	204.4	55	231

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₈O₂	Guaiacol (<i>continued</i>)	205.05			
12163	C ₈ H ₁₁ N	2,4-Xylidine	214.0		Nonazeotrope	231
12164	C ₈ H ₁₆ O ₂	Isoamyl lactate	202.4		Nonazeotrope	243
12165	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
12166	C ₈ H ₁₈ S	Butyl sulfide	185.0		Nonazeotrope	246
12167	C ₉ H ₁₀ O	Propiophenone	217.7		Nonazeotrope	255
12168	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0		Nonazeotrope	225
12169	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6		Nonazeotrope	236
12170	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35		Nonazeotrope	231
12171	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope	255
12172	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	215
12173	C ₁₀ H ₁₂ O	Estragole	215.6		Nonazeotrope	215
12174	C ₁₀ H ₁₆ N	Diethylaniline	217.05		Nonazeotrope	231
12175	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	232
12176	C ₁₀ H ₁₆ O	Fenchone	193.6		Nonazeotrope	255
12177	C ₁₀ H ₁₆ O	Borneol	211.8		Nonazeotrope	236
12178	C ₁₀ H ₁₆ O	Citronellal	207.8	204.55	86.5	236
12179	C ₁₀ H ₁₆ O	Geraniol	229.6		Nonazeotrope	255
12180	C ₁₀ H ₁₆ O	Linalool	198.6		Nonazeotrope	225
12181	C ₁₀ H ₁₆ O	α -Terpineol	217.8		Nonazeotrope	215
12182	C ₁₀ H ₂₀ O	Menthol	216.4		Nonazeotrope	215
12183	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	208.9	15	255
12184	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8		Nonazeotrope	255
12185	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	246
12186	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	215
12187	C ₁₃ H ₂₈	Tridecane	234.0		Nonazeotrope	255
A =	C₇H₈O₂	<i>m</i>-Methoxyphenol	243.8			
12188	C ₈ H ₇ N	Indole	253.5		Nonazeotrope	255
12189	C ₉ H ₇ N	Quinoline	237.3		Nonazeotrope	255
12190	C ₉ H ₈ O	Cinnamaldehyde	253.7		Nonazeotrope	255
12191	C ₉ H ₁₀ O ₄	Ethyl salicylate	233.8		Nonazeotrope	255
12192	C ₉ H ₁₂ O	3-Phenylpropanol	235.6		Nonazeotrope	255
12193	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
12194	C ₁₀ H ₁₀ O ₂	Isosafrole	252.1		Nonazeotrope	215
12195	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	255
12196	C ₁₀ H ₁₄ O	Carvacrol	237.85		Nonazeotrope	255
12197	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	224
12198	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0		Nonazeotrope	215
12199	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	243	...	215
12200	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.2	25	255
12201	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2		Nonazeotrope	215
12202	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	245.5	~60	215
12203	C ₁₁ H ₁₇ N	Isoamylaniline	256.0		Nonazeotrope	231
12204	C ₁₂ H ₁₀	Biphenyl	256.1		Nonazeotrope	255
A =	C₇H₈S	α-Toluenethiol	194.8			
12205	C ₁₀ H ₁₆	Terpinolene	185		Reacts	243
A =	C₇H₉N	Benzylamine	185.0			
12206	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	231
12207	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	231
12208	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	231
12209	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<181.5	....	255
12210	C ₁₀ H ₁₈ O	Cineole	176.35	175.6	16.5	207
12211	C ₁₀ H ₂₂ O	Amyl ether	187.5	<180.0	<67	231
12212	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.4	23	231
12213	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<184.2	....	255
A =	C₇H₉N	2,6-Lutidine	144			
12214	C ₈ H ₈	Styrene	145		Min. b.p.	99
12215	C ₈ H ₁₀	Ethylbenzene	136		Min. b.p.	99
12216	C ₈ H ₁₀	Xylenes	140		Min. b.p.	99
12217	C ₈ H ₁₈	2,3,4-Trimethylpentane	113.4		Nonazeotrope	82
A =	C₇H₉N	Methylaniline	196.25			
12218	C ₇ H ₉ N	<i>o</i> -Toluidine	200.3		Nonazeotrope	229
12219	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.75		Nonazeotrope	231

No.	Formula	B-Component	Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₇H₉N	Methylaniline (<i>continued</i>)	196.25			
12220	C ₈ H ₈ O	Acetophenone	202.25	Nonazeotrope		225
12221	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		231
12222	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		231
12223	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		229
12224	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	193.0	45	231
12225	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		231
12226	C ₉ H ₈	Indene	182.6	Nonazeotrope		231
12227	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		231
12228	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
12229	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		231
12230	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		231
12231	C ₁₀ H ₁₆	Dipentene	177.7	<177.2	<11	231
12232	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.5	13	243
12233	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		231
12234	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		231
12235	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		231
12236	C ₁₀ H ₁₆	Terpinolene	185	180	~32	243
12237	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		231
12238	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		231
12239	C ₁₀ H ₁₈ O	Linalool	198.6	195.6	70	231
12240	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		255
12241	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		231
12242	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		231
12243	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		231
12244	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		231
12245	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		231
A =	C₇H₉N	<i>m</i>-Toluidine	203.1			
12246	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		231
12247	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		231
12248	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		231
12249	C ₈ H ₁₁ N	Ethylaniline	205.5	202.95	89	244
12250	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		231
12251	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		231
12252	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
12253	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		231
12254	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		231
12255	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		231
12256	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		231
12257	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		255
12258	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		231
12259	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		255
12260	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		231
12261	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
12262	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		231
12263	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<201.0	<60	231
A =	C₇H₉N	<i>o</i>-Toluidine	200.7			
12264	C ₇ H ₁₅ O ₄	Ethyl malonate	198.9	Reacts		243
12265	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	Nonazeotrope		231
12266	C ₈ H ₈ O	Acetophenone	202.0	203.65	32	231
12267	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		231
12268	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		217
12269	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.7	23	244
12270	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		231
12271	C ₉ H ₈	Indene	182.6	Nonazeotrope		231
12272	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		231
12273	C ₉ H ₁₃ N	<i>N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		229
12274	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
12275	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		231
12276	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		231
12277	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		231
12278	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		231
12279	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		255
12280	C ₁₀ H ₁₈ O	Linalool	198.6	198.3	30	231
12281	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
12282	C ₁₀ H ₁₈ O	β -Terpineol	210.75	Nonazeotrope		231

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₉N	<i>o</i>-Toluidine (continued)	200.7			
12283	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		231
12284	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<192.0	....	255
12285	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.0	Nonazeotrope		217
12286	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		231
12287	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<198.5	....	255
A =	C₇H₉N	<i>p</i>-Toluidine	200.5			
12288	C ₈ H ₈ O	Acetophenone	202.0	203.65	32	231
12289	C ₈ H ₈ O	Acetophenone	202	~199	....	243
12290	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.65	23	231
12291	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	194.4	33	225
12292	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		231
12293	C ₉ H ₈	Indene	182.6	Nonazeotrope		231
12294	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		231
12295	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
12296	C ₁₀ H ₁₆	Terpinolene	184.6	<183.5	....	231
12297	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		231
12298	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		231
12299	C ₁₀ H ₁₈ O	Menthone	~207	Nonazeotrope		243
12300	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		231
A =	C₇H₉NO	<i>o</i>-Anisidine	219.0			
12301	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		255
12302	C ₈ H ₈ O ₂	Methyl salicylate	222.95	Nonazeotrope		255
12303	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
12304	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		255
12305	C ₉ H ₁₀ O	Propiophenone	217.7	219.7	~65	255
12306	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	Nonazeotrope		255
12307	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		255
12308	C ₁₀ H ₈	Naphthalene	218.0	217.0	50	255
12309	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		255
12310	C ₁₀ H ₂₀ O	Menthol	216.3	<216.0	....	231
12311	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
12312	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	215.2	35	255
12313	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.5	35	255
A =	C₇H₁₂O₄	Ethyl Malonate	198.6			
12314	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
12315	C ₈ H ₈ O ₂	Benzyl formate	203.0	<198.2	....	229
12316	C ₈ H ₈ O ₂	Methyl benzoate	199.55	198.2	~54	208
12317	C ₈ H ₈ O ₂	Methyl benzoate	199.4	198.7	56	207
12318	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		209
12319	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		237
12320	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		255
12321	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
12322	C ₉ H ₁₈ O ₃	Isoamyl lactate	202.4	Nonazeotrope		255
12323	C ₉ H ₁₈ O	Octyl alcohol	195.15	Reacts		216
12324	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		255
12325	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
12326	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
12327	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		237
12328	C ₉ H ₁₄ O	Phorone	197.8	<197.65	<47	232
12329	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	191.9	26	229
12330	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		229
12331	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		243
12332	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
12333	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		217
12334	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		255
12335	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.5	10	217
12336	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
12337	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		226
12338	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
12339	C ₁₀ H ₁₆	Terpinene	181.5	178.0	22	218
12340	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
12341	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	<198.0	<82	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₁₂O₄	Ethyl Malonate (continued)	198.6			
12342	C ₁₀ H ₁₈ O	Linaloöl	199	~198	~60	243
12343	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	191.75	30	207
12344	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		237
12345	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		237
12346	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.5	Azeotrope doubtful		243
		....		Nonazeotrope		237
12347	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
12348	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	<196.0	<71	237
12349	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<196.2	<70	237
A =	C₇H₁₃ClO₂	Isoamyl Chloroacetate	190.5			
12350	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	Nonazeotrope		255
12351	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		255
12352	C ₈ H ₈ O ₂	Methyl benzoate	199.55	Nonazeotrope		243
12353	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		255
12354	C ₈ H ₁₈ O	Octyl alcohol	195.2	<193.5	<62	255
12355	C ₈ H ₁₈ O	sec-Octyl alcohol	180.4	Nonazeotrope		255
12356	C ₁₀ H ₁₈	d-Limonene	177.8	Nonazeotrope		243
12357	C ₁₀ H ₁₈ O	Linaloöl	198.6	<194.2	<82	255
A =	C₇H₁₄	3-Heptene	94.8			
12358	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		255
A =	C₇H₁₄	Methylcyclohexane	100.8			
12359	C ₇ H ₁₆	n-Heptane	98.4	Nonazeotrope, V-l.		44
			98.45	98.3	10	160*, 252
12360	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		255
12361	C ₈ H ₁₈	2,2,4-Trimethylpentane, 741 mm.	98.2	Nonazeotrope, V-l.		153
12362	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		238
A =	C₇H₁₄O	4-Heptanone	143.55			
12363	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		232
12364	C ₇ H ₁₄ O ₂	Ethyl n-valerate	145.15	Nonazeotrope		232
12365	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.7	25	232
12366	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		232
12367	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	143.0	47	232
12368	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		232
12369	C ₈ H ₁₀	m-Xylene	139.2	139.0	10	232
12370	C ₈ H ₁₀	o-Xylene	144.3	142.4	42	232
12371	C ₈ H ₁₉ N	Diisobutylamine	138.5	<137.0	<32	255
12372	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		232
12373	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		232
12374	C ₁₀ H ₁₆	Camphene	159.6	142.5	95	232
12375	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	80	223
A =	C₇H₁₄O	2-Methylcyclohexanol	168.5			
12376	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	Nonazeotrope		255
12377	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		255
12378	C ₈ H ₁₀	m-Xylene	139.2	Nonazeotrope		255
12379	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	165.0	46	255
12380	C ₈ H ₁₀ O	p-Methylanisole	177.05	167.5	71	256
12381	C ₈ H ₁₀ O	Phenetole	170.45	165.7	50	256
12382	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		231
12383	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
12384	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		232
12385	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
12386	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	156.9	Nonazeotrope		255
12387	C ₉ H ₁₂	Cumene	152.8	151.7	12	255
12388	C ₉ H ₁₂	Mesitylene	164.6	160.5	34	247
12389	C ₉ H ₁₂	Pseudocumene	168.2	<164.0	<48	255
12390	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		255
12391	C ₉ H ₁₃ N	N,N-Dimethyl-o-toluidine	185.3	Nonazeotrope		231
12392	C ₉ H ₁₆ O	2,6-Dimethyl-4-heptanone	168.0	167.5	40	232
12393	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.5	62	255
12394	C ₁₀ H ₁₄	Butylbenzene	183.1	<168.0	>70	255
12395	C ₁₀ H ₁₆	Cymene	176.7	<166.5	<68	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₁₄O	2-Methylcyclohexanol (<i>continued</i>)	168.5			
12396	C ₁₀ H ₁₆	Camphene	159.6	155.5	25	247
12397	C ₁₀ H ₁₆	Dipentene	177.7	165.3	60	247
12398	C ₁₀ H ₁₆	α -Pinene	155.8	152.8	20	247
12399	C ₁₀ H ₁₆	α -Terpinene	173.4	163.7	52	247
12400	C ₁₀ H ₁₆ O	Cineole	176.35	167.2	70	256
12401	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	155.8	27	247
12402	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		255
12403	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	166.2	60	225
A =	C₇H₁₄O	3-Methylcyclohexanol	172			
12404	C ₈ H ₁₀ O	Phenetole, 770 mm.	170.5	167.2	46.5	199
		13 mm.	....	60	24	199
		2 mm.	....	28.8	18.7	199
A =	C₇H₁₄O	5-Methyl-2-hexanone	144.2			
12405	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		232
12406	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.8	18	232
12407	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		232
12408	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	143.3	35	232
12409	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		232
12410	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.0	42	232
12411	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		232
12412	C ₈ H ₁₉ N	Diisobutylamine	138.5	136.3	30	255
12413	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		232
12414	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	75	232
A =	C₇H₁₄O₂	Amyl Acetate	148.8			
12415	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		255
12416	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255
12417	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
12418	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		226
12419	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	<148.5	>10	229
12420	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		237
12421	C ₁₀ H ₁₆	α -Pinene	155.8	<148.0	75	226
A =	C₇H₁₄O₂	Butyl Propionate	146.8			
12422	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		255
12423	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		255
12424	C ₈ H ₈	Styrene	146	145.5	....	226
12425	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		226
12426	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		237
12427	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
12428	C ₁₀ H ₁₆	α -Pinene	155.8	<145.8	>85	226
A =	C₇H₁₄O₂	Enanthic Acid	222.0			
12429	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		232
12430	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
12431	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	<215.2	>15	255
12432	C ₈ H ₁₆ O ₄	Ethyl fumarate	217.85	216.4	22	242
12433	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	220.0	50	242
12434	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	216.0	20	242
12435	C ₈ H ₁₄ O ₄	Propyl oxalate	214	<213.8	>7	255
12436	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	224.5	58	242
12437	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
12438	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	<221.2	>70	232
12439	C ₉ H ₁₀ O	Propiophenone	217.7	216.5	20	232
12440	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
12441	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		255
12442	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		255
12443	C ₁₀ H ₈	Naphthalene	218.0	214.2	30	242
12444	C ₁₀ H ₁₀ O ₂	Safrole	235.9	<221.7	>85	255
12445	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		255
12446	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
12447	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
12448	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	215.0	25	255
12449	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	<215.3	<30	255

TABLE I. BINARY SYSTEMS

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No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₁₄O₂	Enanthic Acid (continued)	222.0			
12450	C ₁₂ H ₁₀	Biphenyl	256.1		Nonazeotrope	255
12451	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	211.0	27	242
12452	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	255
12453	C ₁₃ H ₂₈	Tridecane	234.0	<219.2	>55	242
A =	C₇H₁₄O₂	Ethyl Isovalerate	134.7			
12454	C ₇ H ₁₆ O ₄	Ethyl orthoformate	145.75		Nonazeotrope	237
12455	C ₈ H ₈	Styrene	145.8		Nonazeotrope	255
12456	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	211
12457	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	207
12458	C ₈ H ₁₀	<i>p</i> -Xylene	138.45		Nonazeotrope	255
12459	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope	237
12460	C ₈ H ₁₈ O	Isobutyl ether	122.3		Nonazeotrope	237
A =	C₇H₁₄O₂	Ethyl Valerate	145.45			
12461	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1		Nonazeotrope	255
12462	C ₈ H ₈	Styrene	145.8	<145.0	>48	255
12463	C ₈ H ₁₀	<i>m</i> -Xylene	139.2		Nonazeotrope	207
12464	C ₈ H ₁₀	<i>o</i> -Xylene	144.3		Nonazeotrope	255
12465	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope	237
A =	C₇H₁₄O₂	Isoamyl Acetate	142.1			
12466	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5		Nonazeotrope	255
12467	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8		Nonazeotrope	252
12468	C ₇ H ₁₆ O ₄	Ethyl orthoformate	145.75		Nonazeotrope	237
12469	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	252
12470	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	207
			139.0	136	50	243
12471	C ₈ H ₁₀	<i>o</i> -Xylene	143.6		Nonazeotrope	226
12472	C ₈ H ₁₀	<i>p</i> -Xylene	138.3		Nonazeotrope	226
12473	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7		Nonazeotrope	255
12474	C ₈ H ₁₈ O	Butyl ether	142.2	<141.2	<55	237
12475	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope	255
12476	C ₁₀ H ₁₆	Camphene	158		Nonazeotrope	226
12477	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope	255
12478	C ₁₀ H ₁₆	α -Pinene	155.8	142.05	97.5	217
A =	C₇H₁₄O₂	Isobutyl Propionate	136.9			
12479	C ₈ H ₈	Styrene, 60 mm.	68		Nonazeotrope	26
12480	C ₈ H ₁₀	Ethylbenzene 60 mm.	136.15 60.5	135.8	~30 60 13	253 26
12881	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	253
			139.0	134.5	...	243
12482	C ₈ H ₁₀	<i>o</i> -Xylene	143.6		Nonazeotrope	226
12483	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	136.8	85	226
12484	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope	237
A =	C₇H₁₄O₂	Isopropyl Isobutyrate	120.8			
12485	C ₇ H ₁₆	Heptane	98.4		Nonazeotrope	255
A =	C₇H₁₄O₂	Methyl Caproate	149.6			
12486	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	243
12487	C ₈ H ₁₀	<i>o</i> -Xylene	144.3		Nonazeotrope	255
12488	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	149.75		Nonazeotrope	255
12489	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7		Nonazeotrope	255
12490	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope	255
A =	C₇H₁₄O₂	Propyl Butyrate	143.7			
12491	C ₈ H ₈	Styrene	146		Nonazeotrope	226
12492	C ₈ H ₈	Styrene	145.8	<143.5	<68	255
12493	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	207
			139.0	138.7	...	243
12494	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	143.2	55	226
12495	C ₈ H ₁₈ O	Butyl ether	142.4	<142.0	<45	237
12496	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope	255
12497	C ₁₀ H ₁₆	α -Pinene	155.8	<143.4	<88	255
12498	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	243

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₇H₁₄O₂	Propyl Isobutyrate	134.0			
12499	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2		Nonazeotrope	237
12500	C ₈ H ₈	Styrene	146		Nonazeotrope	226
12501	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	255
12502	C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope	207
12503	C ₈ H ₁₀	<i>p</i> -Xylene	138.2		Nonazeotrope	253
12504	C ₈ H ₁₈ O	Butyl ether	142.2		Nonazeotrope	237
12505	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	226
A =	C₇H₁₄O₃	1,3-Butanediol Methyl Ether Acetate	171.75			
12506	C ₇ H ₁₆ O	Heptyl alcohol	176.15		Nonazeotrope	255
12507	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	255
12508	C ₈ H ₁₀ O	Phenetole	170.45	170.0	22	207
12509	C ₈ H ₁₆ O	2-Octanone	172.85	171.3	35	255
12510	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	167.4	~10	255
12511	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	170.7	49	242
12512	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7		Nonazeotrope	207
12513	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9		Nonazeotrope	255
12514	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
12515	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	255
12516	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	255
12517	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	255
12518	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	255
12519	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0		Nonazeotrope	255
12520	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05		Nonazeotrope	207
12521	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	170.35	47	250
12522	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3		Nonazeotrope	255
12523	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	255
12524	C ₁₀ H ₁₆	Camphene	159.6	<159.45	>5	255
12525	C ₁₀ H ₁₆	Dipentene	177.7	169.6	78	242
12526	C ₁₀ H ₁₆	Nopinene	163.8	162.0	20	242
12527	C ₁₀ H ₁₆	α -Terpinene	173.4	168.9	65	242
12528	C ₁₀ H ₁₈ O	Cineole	176.35	170.9	64	207
12529	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	207
12530	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	255
12531	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<170.0	>52	207
A =	C₇H₁₄O₃	Isobutyl Lactate	182.15			
12532	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	255
12533	C ₈ H ₁₀ O	Phenetole	171.5		Nonazeotrope	243
12534	C ₈ H ₁₀ O	2,4-Xylenol	210.5		Nonazeotrope	255
12535	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
12536	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.5	117.3	...	243
12537	C ₈ H ₁₈ S	Butyl sulfide	185.0	<181.3	<78	246
12538	C ₉ H ₈	Indene	182.8	177	48	228
12539	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	255
12540	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	181.0	75?	255
12541	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	<178.5	>28	207
12542	C ₁₀ H ₁₄	Cymene	175.3	171.5	~35	243
12543	C ₁₀ H ₁₆	Camphene	159.6		Nonazeotrope	218
12544	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172.5	40	243
12545	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope	255
12546	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	255
12547	C ₁₀ H ₁₆	Terpinene	180.5	172.5	~46	243
12548	C ₁₀ H ₁₆	Terpinolene	185	175	55	243
12549	C ₁₀ H ₁₈ O	Cineole	176.35	174.0	32	236
12550	C ₁₀ H ₁₈ O	Linaloöl	198.6		Nonazeotrope	255
12551	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<172.0	>13	255
A =	C₇H₁₆	2,4-Dimethylpentane, 505 mm.	67.58			
12552	C ₇ H ₁₆	2,2,3-Trimethylbutane, 505 mm.	67.58	67.71	~50	
					Nonazeotropic below 55° C.	59
					Nonazeotropic above 75° C.	59
A =	C₇H₁₆O	2-Heptanol, 10 mm.	65.4			
12553	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	61.4	43	24

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref
A =	C₇H₁₆O	Heptyl Alcohol	176.15			
12554	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		255
12555	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	167.0	20	255
12556	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	173.3	52	247
12557	C ₈ H ₁₀ O	Phenetole	170.45	169.0	28	225
12558	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		231
12559	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		232
12560	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
12561	C ₈ H ₁₆ O ₂	Isoamyl propionate				
12562	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
12563	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		255
12564	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	175.5	82	231
12565	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	<171.0	>8	255
12566	C ₁₀ H ₁₄	Cymene	176.0	172.5	47	247
12567	C ₁₀ H ₁₆ N	Diethylaniline	217.05	Nonazeotrope		231
12568	C ₁₀ H ₁₆	Camphene	159.6	<159.3	>10	255
12569	C ₁₀ H ₁₆	Dipentene	177.7	171.7	50	247
12570	C ₁₀ H ₁₆	Nopinene	163.8	<162.6	>15	255
12571	C ₁₀ H ₁₆	α -Terpinene	173.4	169.7	40	247
12572	C ₁₀ H ₁₈ O	Cineole	176.35	173.0	48	236
12573	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	170.35	37	244
A =	C₇H₁₀O₂	Ethyl Orthoformate	145.75			
12574	C ₈ H ₈	Styrene	145.8	<145.0	<45	238
12575	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		207
12576	C ₈ H ₁₀ O ₂	Propyl isovalerate	155.7	Nonazeotrope		237
12577	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		238
12578	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		238
12579	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		238
12580	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		238
A =	C₇H₁₆O₄	2-[2-(2-Methoxyethoxy)ethoxy] Ethanol	245.25			
12581	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		255
12582	C ₈ H ₈ O ₃	Methyl salicylate	222.95	222.0	8	255
12583	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	<244.0	>55	255
12584	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		255
12585	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
12586	C ₉ H ₇ N	Quinoline	237.3	235.55	22	233
12587	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		255
12588	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		255
12589	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	227.7	28	236
12590	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol	265.2	Nonazeotrope		255
12591	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	Nonazeotrope		255
12592	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		255
12593	C ₁₀ H ₈	Naphthalene	218.0	214.8	20	236
12594	C ₁₀ H ₈ O	1-Naphthol	288.5	Nonazeotrope		236
12595	C ₁₀ H ₉ N	Quinaldine	246.5	<243.0	...	255
12596	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	241.5	65	247
12597	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	242.3	70	247
12598	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.5	31	247
12599	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	Nonazeotrope		255
12600	C ₁₀ H ₁₂ O	Anethole	235.7	233.0	30	247
12601	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	226.0	32	247
12602	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	232.0	46	247
12603	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	229.4	44	236
12604	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	235.0	52	247
12605	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	231.2	40	247
12606	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
12607	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		255
12608	C ₁₂ H ₁₀	Acenaphthene	277.9	242.5	71	236
12609	C ₁₂ H ₁₀	Biphenyl	256.1	236.0	50	247
12610	C ₁₂ H ₁₀ O	Phenyl ether	259.0	243.0	80	247
12611	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	239.4	60	236
12612	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		255
12613	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.0	18	247
12614	C ₁₃ H ₁₂	Diphenylmethane	265.4	239.0	56	247
12615	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	243.8	80	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₇N	Indole	253.5			
12616	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2		Nonazeotrope	255
12617	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0		Nonazeotrope	255
12618	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	255
12619	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	<251.8	>35	255
12620	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8		Nonazeotrope	255
12621	C ₁₀ H ₁₄ O	Carvacrol	237.85	254.5	88	255
12622	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	<251.8	>55	255
12623	C ₁₁ H ₁₄ O ₂	1,2-Dimethyl-4-propenylbenzene	270.5		Nonazeotrope	255
12624	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	268.0	12	255
12625	C ₁₂ H ₁₀ O	Phenyl ether	259.0		Nonazeotrope	255
A =	C₈H₇N	α-Toluonitrile	232			
12626	C ₁₀ H ₁₈ O	Geraniol	229.5	~226	...	243
A =	C₈H₈	Styrene	145.8			
12627	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	241
12628	C ₈ H ₁₀	<i>m</i> -Xylene	139.2		Nonazeotrope	241
12629	C ₈ H ₁₀	<i>o</i> -Xylene	142.6		Nonazeotrope	243
12630	C ₈ H ₁₀ O ₂	Isobutyl isobutyrate	148.6	<145.5	>60	255
12631	C ₈ H ₁₀ O ₂	Propyl isovalerate	155.7		Nonazeotrope	255
12632	C ₈ H ₂₀	Nonane	149.5	144.0	75	241
A =	C₈H₈O	Acetophenone	202.0			
12633	C ₈ H ₈ O ₂	Benzyl formate	203.0		Nonazeotrope	232
12634	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	232
12635	C ₈ H ₈ O ₂	Phenyl acetate	195.7		Nonazeotrope	232
12636	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	219.5	15	232
12637	C ₈ H ₁₀ O	2,4-Xylenol	210.5	213.0	30	255
12638	C ₈ H ₁₀ O	3,4-Xylenol	226.8		Nonazeotrope	232
12639	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5		Nonazeotrope	232
12640	C ₈ H ₁₀ O ₂	Veratrol	205.5		Nonazeotrope	254
12641	C ₈ H ₁₁ N	Dimethylaniline	194.15		Nonazeotrope	231
12642	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope	231
12643	C ₈ H ₁₁ N	2,4-Xylidine	214.0		Nonazeotrope	231
12644	C ₈ H ₁₄ O ₄	Propyl oxalate	214.2		Nonazeotrope	232
12645	C ₈ H ₁₆ O ₈	Isoamyl lactate	202.4	<201.7	48	232
12646	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5		Nonazeotrope	255
12647	C ₈ H ₁₈ O	Octyl alcohol	195.2	194.95	12.5	232
12648	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	232
12649	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0		Nonazeotrope	232
12650	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5		Nonazeotrope	232
12651	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3		Nonazeotrope	231
12652	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2		Nonazeotrope	255
12653	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	232
12654	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	232
12655	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	231
12656	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	232
12657	C ₁₀ H ₁₈ O	Citronellal	208.0	201.95	95	232
12658	C ₁₀ H ₁₈ O	Linalool	198.6	198.0	14	232
12659	C ₁₀ H ₁₈ O	β -Terpineol	210.5		Nonazeotrope	232
12660	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	232
12661	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8		Nonazeotrope	232
12662	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	246
12663	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4		Nonazeotrope	255
12664	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	232
12665	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9		Nonazeotrope	255
A =	C₈H₈O₂	Anisaldehyde	249.5			
12666	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2		Nonazeotrope	255
12667	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	<248.0	...	255
12668	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7		Nonazeotrope	255
12669	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	248.6	60	236
12670	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9		Nonazeotrope	228
12671	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	236
12672	C ₁₀ H ₁₄ O	Carvacrol	237.85		Nonazeotrope	255

TABLE I. BINARY SYSTEMS

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No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₈O₂	Anisaldehyde (<i>continued</i>)	249.5			
12673	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
12674	C ₁₀ H ₂₀ O	Citronellol	224.5		Nonazeotrope	255
12675	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0		Nonazeotrope	236
12676	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	<248.8	~50	228
12677	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5		Nonazeotrope	255
12678	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	218
12679	C ₁₂ H ₁₀ O	Phenyl ether	259.3		Nonazeotrope	236
12680	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0		Nonazeotrope	228
A =	C₈H₈O₂	Benzyl Formate	203.0			
12681	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	229
12682	C ₈ H ₈ O ₂	Phenyl acetate	195.7		Nonazeotrope	255
12683	C ₈ H ₁₀ O	3,4-Xylenol	226.8		Nonazeotrope	255
12684	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7		Nonazeotrope	217
12685	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
12686	C ₈ H ₁₈ O	Octyl alcohol	195.15	195.0	3	216
12687	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	217
12688	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9		Nonazeotrope	226
12689	C ₁₀ H ₁₆	γ -Terpinene	179.7		Nonazeotrope	226
12690	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	228
12691	C ₁₀ H ₁₈ O	Borneol	213.4		Nonazeotrope	215
12692	C ₁₀ H ₁₈ O	Citronellal	208.0		Nonazeotrope	255
12693	C ₁₀ H ₁₈ O	Linaloöl	198.6	197.5	...	215
12694	C ₁₀ H ₁₈ O	α -Terpineol	217.8		Nonazeotrope	216
12695	C ₁₀ H ₂₀ O	Menthol	216.4		Nonazeotrope	215
12696	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	255
12697	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5		Nonazeotrope	237
12698	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216		Nonazeotrope	226
A =	C₈H₈O₂	Methyl Benzoate	199.4			
12699	C ₈ H ₁₀ O	2,4-Xylenol	210.5		Nonazeotrope	255
12700	C ₈ H ₁₀ O ₂	Veratrol	205.5		Nonazeotrope	237
12701	C ₈ H ₁₄ O ₄	Propyl oxalate	214		Nonazeotrope	255
12702	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	<198.8	...	255
12703	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4		Nonazeotrope	243
12704	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5		Nonazeotrope	255
12705	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.4	35	250
12706	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
12707	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5		Nonazeotrope	255
12708	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	237
12709	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope	232
12710	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3		Nonazeotrope	255
12711	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
12712	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	255
12713	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope	210
12714	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	255
12715	C ₁₀ H ₁₆	γ -Terpinene	179.7		Nonazeotrope	226
12716	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	232
12717	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5		Nonazeotrope	255
12718	C ₁₀ H ₁₈ O	Borneol	213.4		Nonazeotrope	216
12719	C ₁₀ H ₁₈ O	Citronellal	~207.8		Nonazeotrope	209
12720	C ₁₀ H ₁₈ O	Linaloöl	198.7	197.8	~42	208
12721	C ₁₀ H ₁₈ O	β -Terpineol	210.5		Nonazeotrope	255
12722	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	255
12723	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35		Nonazeotrope	255
12724	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	229
12725	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5		Nonazeotrope	237
12726	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8		Nonazeotrope	237
12727	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
A =	C₈H₈O₂	Phenyl Acetate	195.7			
12728	C ₈ H ₁₀ O	2,4-Xylenol	210.5		Nonazeotrope	255
12729	C ₈ H ₁₀ O ₂	Veratrole	205.5		Nonazeotrope	237
12730	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	192.4	53	252
12731	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
12732	C ₉ H ₁₂	Pseudocumene	168.2		Nonazeotrope	255

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₈H₈O₂	Phenyl Acetate (continued)	195.7			
12733	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		237
12734	C ₉ H ₁₄ O	Phorone	198.2	Nonazeotrope		253
			197.8	<195.6	<90	232
12735	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3	Nonazeotrope		255
12736	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		217
12737	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		217
12738	C ₁₀ H ₁₆	Camphene	158	Nonazeotrope		226
12739	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.5	7	218
12740	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		255
12741	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
12742	C ₁₀ H ₁₆	γ -Terpinene	181.5	180.3	15	218
12743	C ₁₀ H ₁₆	Thymene	179.7	179.3	18	210
12744	C ₁₀ H ₁₈ O	Borneol	213.2	Nonazeotrope		210
12745	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		237
12746	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
12747	C ₁₀ H ₁₈ O	Linalool	198.6	193.5	61	209
12748	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		255
12749	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
12750	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		237
12751	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		237
12752	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	Nonazeotrope		237
12753	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		226
12754	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		237
12755	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		237
A =	C₉H₈O₂	α-Toluic Acid	266.5			
12756	C ₉ H ₈ O	Cinnamaldehyde	253.5	Nonazeotrope		221
12757	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	264.0	53.5	221
12758	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	255.9	30	221
12759	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		221
12760	C ₁₀ H ₈ O	1-Naphthol	288.5	Nonazeotrope		221
12761	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	251.5	11	221
12762	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	261.8	3	221
12763	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	Nonazeotrope		221
12764	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		236
12765	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		255
12766	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	<266.2	>58	255
12767	C ₁₀ H ₁₄ O ₄	Propyl succinate	250.5	Nonazeotrope		255
12768	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.2	~12	221
12769	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	239.95	12	207
12770	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		221
12771	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope		221
12772	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	Nonazeotrope		221
12773	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	265.4	60	221
12774	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		255
12775	C ₁₂ H ₁₀	Acenaphthene	277.9	262.2	71	221
12776	C ₁₂ H ₁₀	Biphenyl	255.9	252.15	23.3	221
12777	C ₁₂ H ₁₆ O	Phenyl ether	259.3	255.05	27.8	236
12778	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	259.85	26	221
12779	C ₁₂ H ₁₈	1,3,5-Triethyl benzene	215.5	Nonazeotrope		255
12780	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	262.35	50	221
12781	C ₁₂ H ₁₀	Fluorene	295	265.8	90	255
12782	C ₁₂ H ₁₂	Diphenylmethane	265.4	258.7	35	221
12783	C ₁₂ H ₁₂ O	Benzyl phenyl ether	286.5	<266.0	>90	255
12784	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		255
12785	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	264.3	~90	221
A =	C₈H₈O₂	Methyl Salicylate	222.95			
12786	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		255
12787	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	218.0	43	209
12788	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		244
12789	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		255
12790	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		255
12791	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		255
12792	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		232

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₉H₉O₂	Methyl Salicylate (<i>continued</i>)	222.95			
12793	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		255
12794	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	221.95	60	250
12795	C ₉ H ₁₂ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	220.7	78	255
12796	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		233
12797	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
12798	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
12799	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		225
12800	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		225
12801	C ₉ H ₁₀ O ₂	Methyl α -toluate	215.3	Nonazeotrope		255
12802	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		225
12803	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		208
12804	C ₁₀ H ₁₀ O ₂	Safrole	234.5	Nonazeotrope		236
12805	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		209
12806	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		228
12807	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
12808	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		218
12809	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		255
12810	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
12811	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		218
12812	C ₁₀ H ₁₈ O	Geraniol	229.7	222.2	97	218
12813	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
12814	C ₁₀ H ₁₈ O	α -Terpineol	217.8	216.0	~37	208
12815	C ₁₀ H ₂₀ O	Citronellol	224.5	220.5	...	218
12816	C ₁₀ H ₂₀ O	Menthol	216.4	216.25	15	209
12817	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
12818	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	Nonazeotrope		216
12819	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		255
12820	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
12821	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		255
12822	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		228
12823	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		218
12824	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	222.3	10?	210
12825	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		255
A =	C₈H₉BrO	<i>p</i>-Bromophenetole	234.2			
12826	C ₈ H ₁₀ O	3,4-Xylenol	226.8	226.0	12	255
12827	C ₉ H ₇ N	Isoquinoline	240.8	Nonazeotrope		255
12828	C ₉ H ₈ O	Cinnamaldehyde	253.7	Nonazeotrope		255
12829	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.25	Nonazeotrope		255
12830	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		255
12831	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.5	78	255
12832	C ₁₀ H ₁₂ O	Anethole	235.7	233.0	70	242
12833	C ₁₀ H ₁₄ N ₂	Nicotine	247.5	Nonazeotrope		255
12834	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		255
12835	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
A =	C₈H₁₀	Ethylbenzene	136.15			
12836	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		241
12837	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		243
12838	C ₈ H ₁₈	Octane	125.75	<125.6	<12	241
12839	C ₈ H ₁₈ O	Butyl ether	142.2	Nonazeotrope		243
12840	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		238
12841	C ₈ H ₁₉ N	Diisobutylamine	138.5	<135.5	<62	255
A =	C₈H₁₀	<i>m</i>-Xylene	139.2			
12842	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		255
12843	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		243
12844	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		207
12845	C ₈ H ₁₈ O	Butyl ether	142.2	Nonazeotrope		228
12846	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
12847	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		217
12848	C ₈ H ₁₉ N	Diisobutylamine	138.5	<137.5	<49	231
A =	C₈H₁₀	<i>o</i>-Xylene	143.6			
12849	C ₈ H ₁₈ O	Butyl ether	142.4	<142.0	<22	238

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₈H₁₀O	Benzyl Methyl Ether	167.8			
12850	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		255
12851	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		255
12852	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	166.0	30	237
12853	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		237
12954	C ₈ H ₁₈ O	sec-Octyl alcohol	180.4	Nonazeotrope		255
12855	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	<165.5	...	237
12856	C ₉ H ₁₂	Mesitylene	164.6	<163.5	>15	238
12857	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		237
12858	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		237
12859	C ₁₀ H ₁₆	Camphene	159.6	158.0	<30	238
12860	C ₁₀ H ₁₆	Nopinene	163.8	161.2	35	238
12861	C ₁₀ H ₁₆	α-Terpinene	173.4	166.4	65	238
A =	C₈H₁₀O	o-Ethylphenol	216.5			
12862	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
A =	C₈H₁₀O	p-Ethylphenol	218.8			
12863	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	>220.5	>55	255
12864	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		255
12865	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		255
12866	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		255
12867	C ₈ H ₁₁ N	Ethylaniline	217.05	214.0	60	231
12868	C ₈ H ₁₁ NO	o-Phenetidine	232.5	Nonazeotrope		231
12869	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	223.0	48	242
12870	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	226.3	38	255
12871	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		255
12872	C ₉ H ₇ N	Quinoline	237.3	<239.5	>11	255
12873	C ₉ H ₁₀ O	p-Methylacetophenone	226.35	229.5	30	232
12874	C ₉ H ₁₀ O	Propiophenone	217.7	224.5	...	232
12875	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	221.0	60	242
12876	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	219.8	80	255
12877	C ₉ H ₁₂ N	N,N-Dimethyl-p-toluidine	210.2	Nonazeotrope		231
12878	C ₁₀ H ₈	Naphthalene	218.0	215.0	45	242
12879	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		255
12880	C ₁₀ H ₁₅ N	Diethylaniline	217.05	214.0	60	231
12881	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
12882	C ₁₀ H ₁₈ O	α-Terpineol	218.85	<219.7	>58	255
12883	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		255
12884	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<213.5	>23	246
12885	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<216.3	>20	255
12886	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	<215.9	>14	255
12887	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		255
12888	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	241.9	Nonazeotrope		255
12889	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.0	40	242
A =	C₈H₁₀O	p-Methylanisole	177.05			
12890	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
12891	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		255
12892	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		237
12893	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		237
12894	C ₈ H ₁₈ O	Octyl alcohol	195.15	Nonazeotrope		256
12895	C ₈ H ₁₈ O	sec-Octyl alcohol	180.4	176.3	79	256
12896	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		255
12897	C ₉ H ₈	Indene	183.0	Nonazeotrope		221
12898	C ₉ H ₁₂	Pseudocumene	~168.2	Nonazeotrope		221
12899	C ₉ H ₁₃ N	Dimethyl-o-toluidine	185.35	Nonazeotrope		231
12900	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	176.4	58	237
12901	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		237
12902	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		237
12903	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		237
12904	C ₁₀ H ₁₄	Butylbenzene	183.2	Nonazeotrope		228
12905	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope?		228
12906	C ₁₀ H ₁₆	α-Terpinene	173.4	Nonazeotrope		238
12907	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		238
12908	C ₁₀ H ₁₈ O	Cineole	176.35	175.35	35	207
12909	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		237
12910	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.5	29.5	229
12911	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		231

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₀O	Phenethyl Alcohol	219.4			
12912	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		255
12913	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		255
12914	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		231
12915	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		225
12916	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		231
12917	C ₈ H ₁₁ N	3,4-Xylidine	225.5	Nonazeotrope		231
12918	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		231
12919	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		255
12920	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		255
12921	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		255
12922	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2	<219.0	<92	255
12923	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
12924	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		232
12925	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		209
12926	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		216
12927	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.7	Nonazeotrope		216
12928	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	208.5	30	231
12929	C ₁₀ H ₈	Naphthalene	218.05	214.2	44	208
12930	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		255
12931	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		255
12932	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		215
12933	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		255
12934	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
12935	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
12936	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		210
12937	C ₁₀ H ₁₅ N	Diethylaniline	217.05	213.95	40	231
12938	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
12939	C ₁₀ H ₁₈ O	Borneol	213.4	213.0	20	225
12940	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
12941	C ₁₀ H ₁₈ O	α -Terpineol	218.85	217.85	33	229
12942	C ₁₀ H ₂₀ O	Menthol	216.3	215.05	30	229
12943	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		217
12944	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	~215.0	....	255
12945	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		231
12946	C ₁₁ H ₂₀ O	α -Terpineol methyl ether	216.2	215.5	....	225
12947	C ₁₂ H ₁₀	Biphenyl	254.9	Nonazeotrope		217
12948	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.5	....	217
12949	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		215
A =	C₈H₁₀O	Phenetole	170.45			
12950	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		231
12951	C ₈ H ₁₄ O	Methylheptenone	173.2	170.1	90?	232
12952	C ₈ H ₁₆ O	2-Octanone	172.85	170.0	92	232
12953	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		237
12954	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	169.9	<75	237
12955	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	Nonazeotrope		237
12956	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		236
12957	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		246
12958	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	<166.0	....	237
12959	C ₉ H ₈	Indene	182.8	Nonazeotrope		228
12960	C ₉ H ₁₂	Cumene	168.2	168.15	<10	238
12961	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		210
12962	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		238
12963	C ₉ H ₁₂	Pseudocumene	168.2	168.15	<10	228
12964	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		231
12965	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		237
12966	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		237
12967	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	169.2	40?	237
12968	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.4	170.1	65	237
12969	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		237
12970	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		228
12971	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		228
12972	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		238
12973	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	170.35	97?	228
12974	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		238

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₀O	Phenetole (continued)	170.45			
12975	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	228
12976	C ₁₀ H ₁₆	α-Terpinene	173.4	170.0	86	238
12977	C ₁₀ H ₁₆	γ-Terpinene	179.9		Nonazeotrope	228
12978	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	225
12979	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	237
12980	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	169.2	65	229
12981	C ₁₀ H ₂₃ N	Diisoamylamine	188.2		Nonazeotrope	231
A =	C₈H₁₀O	2,4-Xylenol	210.5			
12982	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	219.65	32	255
12983	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	223.7	...	255
12984	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	>212.2	<30	255
12985	C ₉ H ₇ N	Quinoline	237.3	239.0	8	255
12986	C ₉ H ₁₀ O	p-Methylacetophenone	226.35	227.0	85	255
12987	C ₉ H ₁₀ O	Propiophenone	217.7	221.0	65	255
12988	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	216.8	36	255
12989	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	>214.5	>32	255
12990	C ₁₀ H ₁₆ O	Camphor	209.1	217.0	50	255
12991	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	255
12992	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<209.5	<88	255
12993	C ₁₂ H ₂₀ O ₃	Bornyl acetate	227.6		Nonazeotrope	255
A =	C₈H₁₀O	3,4-Xylenol	226.8			
12994	C ₈ H ₁₀ O ₂	o-Ethoxyphenol	216.5		Nonazeotrope	255
12995	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2		Nonazeotrope	255
12996	C ₈ H ₁₁ N	2,4-Xylidine	214.0		Nonazeotrope	231
12997	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope	231
12998	C ₈ H ₁₁ NO	o-Phenetidine	232.5	232.65	8	231
12999	C ₈ H ₁₁ NO	p-Phenetidine	249.9		Nonazeotrope	231
13000	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	228.2	65	1*, 206
13001	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	230.0	55	207
13002	C ₈ H ₁₆ O ₂	Caprylic acid	238.5		Nonazeotrope	255
13003	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4		Nonazeotrope	255
13004	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
13005	C ₉ H ₇ N	Quinoline	237.3	241.95	35	248
13006	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0		Nonazeotrope	255
13007	C ₉ H ₁₀ O	p-Methylacetophenone	226.35	231.35	51	248
13008	C ₉ H ₁₀ O	Propiophenone	217.7	228.5	67	232
13009	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0		Nonazeotrope	255
13010	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5		Nonazeotrope	255
13011	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8		Nonazeotrope	255
13012	C ₉ H ₁₂ O	Mesitol	220.5		Nonazeotrope	255
13013	C ₉ H ₁₂ O	3-Phenylpropanol	235.6		Nonazeotrope	255
13014	C ₉ H ₁₃ N	N,N-Dimethyl-p-toluidine	210.2		Nonazeotrope	231
13015	C ₁₀ H ₈	Naphthalene	218.0	217.6	16	244
13016	C ₁₀ H ₉ N	Quinaldine	246.5	>248.0	20	255
13017	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	230.8	42	248
13018	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	231.9	33	255
13019	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	229
13020	C ₁₀ H ₁₅ N	Diethylaniline	217.05	217.0	8	231
13021	C ₁₀ H ₁₆ O	Camphor	209.1	227.55	73	248
13022	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	255
13023	C ₁₀ H ₁₈ O	Citronellal	208.0		Nonazeotrope	255
13024	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	255
13025	C ₁₀ H ₁₈ O	α-Terpineol	218.85		Nonazeotrope	255
13026	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	255
13027	C ₁₀ H ₂₀ O ₃	Ethyl caprylate	208.35		Nonazeotrope	255
13028	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	248
13029	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	255
13030	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5		Nonazeotrope	255
13031	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2		Nonazeotrope	255
13032	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2		Nonazeotrope	255
13033	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
13034	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	>229.8	>37	255
13035	C ₁₃ H ₂₈	Tridecane	234.0	223.5	58	248

TABLE I. BINARY SYSTEMS

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₈H₁₀O₂	<i>m</i>-Dimethoxybenzene	214.7				
13036	C ₈ H ₁₁ N	2,4-Xylidine	214.0	<211.8	<56		255
13037	C ₈ H ₁₁ N	3,4-Xylidine	225.5		Nonazeotrope		255
13038	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	211.2	....		237
13039	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	<212.5	>82		255
13040	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	<214.0	<60		255
13041	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	<212.35	....		237
13042	C ₁₀ H ₁₈ O	Borneol	213.4	213.0	....		256
13043	C ₁₀ H ₁₈ O	α -Terpineol	218.85	<214.0	>70		255
13044	C ₁₀ H ₁₈ O	α -Terpineol	218.0		Nonazeotrope		256
13045	C ₁₀ H ₂₀ O	Menthol	216.4	214.2	....		256
13046	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<213.5	>44		255
13047	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2		Nonazeotrope		217
13048	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope		237
A =	C₈H₁₀O₂	<i>m</i>-Ethoxyphenol	243.8				
13049	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0		Nonazeotrope		255
A =	C₈H₁₀O₂	<i>o</i>-Ethoxyphenol	216.5				
13050	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2		Nonazeotrope		255
13051	C ₈ H ₁₁ N	Dimethylaniline	194.15		Nonazeotrope		231
13052	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope		231
13053	C ₈ H ₁₁ N	2,4-Xylidine	214.0		Nonazeotrope		231
13054	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3		Nonazeotrope		255
13055	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5		Azeotropic		243
13056	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2		Nonazeotrope		255
13057	C ₉ H ₁₀ O	Propiophenone	217.7	218.3	....		232
13058	C ₉ H ₁₀ O ₂	Benzyl acetate	~214.9	218	....		215
13059	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6		Nonazeotrope		228
13060	C ₉ H ₁₂ O	Mesitol	220.5		Nonazeotrope		255
13061	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2		Nonazeotrope		231
13062	C ₁₀ H ₈	Naphthalene	218.0	<215.5	>72		255
13063	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope		222
13064	C ₁₀ H ₁₅ N	Diethylaniline	217.05	<216.2	>57		231
13065	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope		255
13066	C ₁₀ H ₁₆ O	Pulegone	223.8		Nonazeotrope		232
13067	C ₁₀ H ₁₈ O	Borneol	211.8		Nonazeotrope		243
13068	C ₁₀ H ₂₀ O	Menthol	216.3	<216.0	....		255
13069	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35		Nonazeotrope		255
13070	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<214.2	....		246
13071	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<214.5	>30		255
13072	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope		215
A =	C₈H₁₀O₂	2-Phenoxyethanol	245.2				
13073	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0		Nonazeotrope		255
13074	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8		Nonazeotrope		255
13075	C ₉ H ₁₂ O	γ -Phenylpropanol	235.6		Nonazeotrope		255
13076	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7		Nonazeotrope		255
13077	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope		255
13078	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	<244.5	>68		255
13079	C ₁₀ H ₁₈ O	Geraniol	229.6		Nonazeotrope		255
13080	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	<243.0	>43		255
13081	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	239.5	30		255
13082	C ₁₂ H ₁₀	Acenaphthene	277.9		Nonazeotrope		255
13083	C ₁₂ H ₁₀ O	Phenyl ether	259.0		Nonazeotrope		255
13084	C ₁₈ H ₁₂	Diphenylmethane	265.4		Nonazeotrope		255
A =	C₈H₁₀O₂	Veratrole	206.8				
13085	C ₈ H ₁₁ N	Dimethylaniline	194.15		Nonazeotrope		231
13086	C ₈ H ₁₁ N	Ethylaniline	205.5	<203.0	....		255
13087	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	<205.9	>69		237
13088	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0		Nonazeotrope		237
13089	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6		Nonazeotrope		237
13090	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.35		Nonazeotrope		231
13091	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope		253
13092	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope		231
13093	C ₁₀ H ₁₈ O	Borneol	213.4		Nonazeotrope		253

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₀O₂	Veratrole (continued)	206.8			
13094	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	237
13095	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	217
A =	C₈H₁₁N	Dimethylaniline	194.05			
13096	C ₈ H ₁₈ O	Octyl alcohol	195.2	191.75	49.5	231
13097	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	231
			180.4	180.0	...	225
13098	C ₉ H ₈	Indene	182.6		Nonazeotrope	231
13099	C ₉ H ₁₀ O	Propiophenone	217.7		Nonazeotrope	231
13100	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	231
13101	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	231
13102	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	255
13103	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	231
13104	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	231
13105	C ₁₀ H ₁₆	Camphene	159.6		Nonazeotrope	231
13106	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	231
13107	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope	225
			177.8	174	27	243
13108	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope	231
13109	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	231
13110	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	231
13111	C ₁₀ H ₁₆	Terpinolene	185	~179	~35	243
13112	C ₁₀ H ₁₆	Thymene	179.7		Nonazeotrope	212
13113	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	231
13114	C ₁₀ H ₁₆ O	Fenchone	193	191	~35	243
13115	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	231
13116	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	231
13117	C ₁₀ H ₁₈ O	Linalool	198.6	193.9	85	231
13118	C ₁₀ H ₁₈ O	α -Terpineol	218.85		Nonazeotrope	231
13119	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope	231
13120	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	231
13121	C ₁₀ H ₂₂ O	Amyl ether	187.5	<187.0	<27	231
13122	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	231
13123	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9		Nonazeotrope	231
A =	C₈H₁₁N	Ethylaniline	205.5			
13124	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.9	15	231
13125	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	231
13126	C ₉ H ₁₀ O	Propiophenone	217.7		Nonazeotrope	231
13127	C ₉ H ₁₂ O	Phenyl propyl ether	190.5		Nonazeotrope	255
13128	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	231
			218.1	205	~10	243
13129	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	231
13130	C ₁₀ H ₁₆	Terpinolene	184.6		Nonazeotrope	231
13131	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	231
13132	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	231
13133	C ₁₀ H ₁₈ O	Geraniol	229.6		Nonazeotrope	255
13134	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	231
13135	C ₁₀ H ₁₈ O	Menthone	207	<205	~60	243
13136	C ₁₀ H ₁₈ O	Menthone	209.5		Nonazeotrope	255
13137	C ₁₀ H ₁₈ O	α -Terpineol	218.85		Nonazeotrope	231
13138	C ₁₀ H ₂₀ O	Citronellol	244.4		Nonazeotrope	231
13139	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	231
13140	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8		Nonazeotrope	231
13141	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5		Nonazeotrope	255
13142	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4		Nonazeotrope	231
13143	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.3		Nonazeotrope	243
13144	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.3	204	58	243
13145	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	<203.0	<48	231
A =	C₈H₁₁N	s-Collidine	170.0			
13146	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3		Nonazeotrope	255
A =	C₈H₁₁N	2,4-Xylidine	214.0			
13147	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2		Nonazeotrope	231
13148	C ₉ H ₁₀ O	Propiophenone	217.7		Nonazeotrope	231
13149	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	231

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₈H₁₁N	2,4-Xylidine (continued)	214.0			
13150	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		231
13151	C ₁₀ H ₂₀ O	Menthol	216.3	213.5	70	231
13152	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<212.5	...	255
13153	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<212.5	>51	231
13154	C ₁₂ H ₂₂ O	Ethyl bornyl ether	204.9	Nonazeotrope		255
A =	C₈H₁₁N	3,4-Xylidine	225.5			
13155	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		231
13156	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
13157	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
13158	C ₁₀ H ₂₀ O	Citronellol	224.4	223.5	40	231
13159	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207, 231
13160	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		255
A =	C₈H₁₁NO	<i>o</i>-Phenetidine	232.5			
13161	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	231.2	226.0	52	255
13162	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		231
13163	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	232.2	82	231
13164	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		231
13165	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		231
13166	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		231
13167	C ₁₀ H ₁₀ O ₂	Safrole	235.9	232.38	86.5	231
13168	C ₁₀ H ₁₂ O	Anethole	235.7	232.25	75	231
13169	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.0	13	231
13170	C ₁₀ H ₁₄ O	Carvone	231.0	>232.8	<74	231
13171	C ₁₀ H ₁₄ O	Thymol	232.9	234.3	45.5	231
13172	C ₁₀ H ₁₆ O	Carvenone	234.5	235.0	30	231
13173	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		231
13174	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		231
13175	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		231
13176	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	232.0	>52	231
13177	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		231
			244.6	Nonazeotrope		228
13178	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207, 231
13179	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		231
A =	C₈H₁₁NO	<i>p</i>-Phenetidine	249.9			
13180	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		231
13181	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	Nonazeotrope		231
13182	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		231
13183	C ₉ H ₁₂ O ₂	Benzoyloxyethanol	265.2	Nonazeotrope		255
13184	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	249.7	90	231
13185	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	248.8	64	231
13186	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		231
13187	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		231
13188	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		231
13189	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		231
13190	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		231
13191	C ₁₀ H ₁₆ O	Carvenone	234.5	Nonazeotrope		231
13192	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.95	27	231
13193	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.85	15	207
13194	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	249.4	75	231
13195	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		231
13196	C ₁₂ H ₁₀	Biphenyl	256.1	249.5	90	231
13197	C ₁₂ H ₁₀ O	Phenyl ether	259.0	249.75	85	231
13198	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		231
13199	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		231
A =	C₈H₁₂O₄	Ethyl Fumarate	217.85			
13200	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		255
13201	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		255
13202	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	217.0	62	242
13203	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		232
13204	C ₉ H ₁₀ O	Propiophenone	217.7	216.8	53	232
13205	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		229
13206	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		255
13207	C ₁₀ H ₈	Naphthalene	218.0	216.7	58	207
13208	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		237

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₈H₁₂O₄	Ethyl Fumarate (continued)	217.85			
13209	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		237
13210	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		255
13211	C ₁₀ H ₁₄ O	Thymol	232.9	233.35	12.5	242
13212	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		237
13213	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
13214	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
13215	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		206
13216	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
13217	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		255
13218	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
13219	C ₁₀ H ₂₀ O	Menthol	216.3	216.0	30	206
13220	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		229
13221	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
13222	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	<212.8	...	237
13223	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	209.5	43	237
13224	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		255
13225	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<215.0	<43	255
13226	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		229
A =	C₈H₁₂O₄	Ethyl Maleate	223.3			
13227	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		255
13228	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		255
13229	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	223.15	88	232
13230	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		239
13231	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		225
13232	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		252
13233	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		257
13234	C ₁₀ H ₈	Naphthalene	218.0	217.65	23	205
13235	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		236
13236	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		237
13237	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		255
13238	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.7	12	255
13239	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
13240	C ₁₀ H ₁₄ O	Thymol	232.9	234.9	27	242
13242	C ₁₀ H ₁₆ O	Pulegone	223.8	221.8	53	232
13243	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
13244	C ₁₀ H ₁₈ O	α -Terpineol	218.85	218.3	20	206
13245	C ₁₀ H ₂₀ O	Citronellol	224.4	<222.3	<50	255
13246	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		255
13247	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
13248	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<215.9	<12	255
13249	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	<214.8	<18	255
13250	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		255
13251	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₈H₁₄O	Methylheptenone	173.2			
13252	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		232
13253	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		232
13254	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		246
13255	C ₉ H ₈	Indene	182.6	Nonazeotrope		232
13256	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		232
13257	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
13258	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		232
13259	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		232
13260	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		232
13261	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		232
13262	C ₁₀ H ₁₄	Cymene	176.7	172.7	72	232
13263	C ₁₀ H ₁₆	Camphene	159.6	157.5	12	232
			159.6	Nonazeotrope		225
13264	C ₁₀ H ₁₆	Dipentene	177.7	170.9	52.5	232
13265	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	170.9	52.5	209
13266	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		253
13267	C ₁₀ H ₁₆	α -Terpinene	173.4	170.0	42	232
13268	C ₁₀ H ₁₈ O	Cineole	176.35	171.9	52	232
13269	C ₁₀ H ₂₂	Decane	173.3	169.0	42	232
13270	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	~171.5	...	254

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₄O₄	Ethyl Succinate	217.25			
13271	C ₈ H ₁₆ O ₂	Caprylic acid	238.5		Nonazeotrope	255
13272	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
13273	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35		Nonazeotrope	232
13274	C ₉ H ₁₀ O	Propiophenone	217.7	216.7	67	232
13275	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.4		Nonazeotrope	209
13276	C ₁₀ H ₈	Naphthalene	218.05	216.3	61.5	209
13277	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	237
13278	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75		Nonazeotrope	229
13279	C ₁₀ H ₁₄ O	Thymol	232.9	>233.0	....	255
13280	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope	218
13281	C ₁₀ H ₁₆	γ -Terpinene	179.9		Nonazeotrope	226
13282	C ₁₀ H ₁₆	Thymene	179.7		Nonazeotrope	218
13283	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	232
13284	C ₁₀ H ₁₆ O	Pulegone	~223.8		Nonazeotrope	232
13285	C ₁₀ H ₁₈ O	Borneol	213.4		Nonazeotrope	215
13286	C ₁₀ H ₁₈ O	Geraniol	229.7		Reacts	215
13287	C ₁₀ H ₂₀ O	Menthol	216.4	215	....	215
13288	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	212.5	....	229
13289	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1		Nonazeotrope	226
13290	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	207
13291	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<213.5	>38	255
13292	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	<212	18	237
13293	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227		Nonazeotrope	229
13294	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	<210.4	....	237
13295	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<214.0	<46	242
13296	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	229
A =	C₈H₁₄O₄	Propyl Oxalate	214			
13297	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	<212.5	....	229
13298	C ₁₀ H ₈	Naphthalene	218.1		Nonazeotrope	226
13299	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
13300	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9		Nonazeotrope	226
13301	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	226
13302	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	205.5	25	255
13303	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	<210	>70	226
A =	C₈H₁₅N	Caprylonitrile	205.2			
13304	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	255
A =	C₈H₁₆	1,3-Dimethylcyclohexane	120.7			
13305	C ₈ H ₁₈	Octane	125.75		Nonazeotrope	241
13306	C ₈ H ₁₈ O	Isobutyl ether	122.3	120.0	72	238
A =	C₈H₁₆O	2-Octanone	172.85			
13307	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope	232
13308	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7		Nonazeotrope	232
13309	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	171.4 ?	....	232
13310	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4		Nonazeotrope	232
13311	C ₈ H ₁₈ S	Butyl sulfide	185.0		Nonazeotrope	255
13312	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	169.8	50	246
13313	C ₉ H ₈	Indene	182.6		Nonazeotrope	255
13314	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	232
13315	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	232
13316	C ₉ H ₁₂	Pseudocumene	168.2	168.0	....	232
13317	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05		Nonazeotrope	232
13318	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	232
13319	C ₁₀ H ₁₄	Butylbenzene	183.2		Nonazeotrope	228
13320	C ₁₀ H ₁₄	Cymene	176.7	172.5	75	232
			175.3		Nonazeotrope	243
13321	C ₁₀ H ₁₆	Camphene	159.6	158.0	13	232
13322	C ₁₀ H ₁₆	Dipentene	177.7	170.0	55	232
13323	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	170	~57	253
13324	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	232
13325	C ₁₀ H ₁₆	α -Terpinene	173.4	169.0	42	232
13326	C ₁₀ H ₁₆	γ -Terpinene	183	171.0	75	232
13327	C ₁₀ H ₁₈ O	Cineole	176.35	172.0	55	232

No.	Formula	B-Component	Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₈H₁₆O₂	Butyl Butyrate	166.4			
13328	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		255
13329	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		255
13330	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		255
13331	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		229
13332	C ₉ H ₈	Indene	182.6	Nonazeotrope		255
13333	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		226
13334	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		255
13335	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
13336	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
13337	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
13338	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		255
13339	C ₁₀ H ₁₆	Camphene	159.6	158.0	30	242
13340	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		226
13341	C ₁₀ H ₁₆	Nopinene	163.8	160.5	40	242
13342	C ₁₀ H ₁₆	α -Pinene	155.8	<155.0	<20	255
13343	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		226
13344	C ₁₀ H ₁₆	α -Terpinene	173.4	<165.0	<74	255
13345	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		237
13346	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		237
A =	C₈H₁₆O₂	Caprylic Acid	238.5			
13347	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		255
13348	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		255
13349	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	237.0	...	223
13350	C ₁₀ H ₈	Naphthalene	218.05	216.2	6	221
13351	C ₁₀ H ₁₀ O ₂	Safrole	235.9	232.5	~45	221
13352	C ₁₀ H ₁₂ O	Anethole	235.7	<234.0	>35	242
13353	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		255
13354	C ₁₀ H ₁₄ O	Carvacrol	237.85	237.6	25	255
13355	C ₁₀ H ₁₄ O	Thymol	232.9	<232.8	...	255
13356	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	233.5	52	222
13357	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	235.0	48	207
13358	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		255
13359	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		223
13360	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<231.8	>10	255
13361	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	~214.3	4	221
13362	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		255
A =	C₈H₁₆O₂	Ethyl Caproate	167.7			
13363	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		255
13364	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		255
13365	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		226
13366	C ₉ H ₁₂	Pseudocumene	168.2	167.6	...	226
13367	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	167.5	60	232
13368	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		255
13369	C ₁₀ H ₁₆	Camphene	158	159	15	226
13370	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		226
13371	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		255
13372	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		237
13373	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		237
A =	C₈H₁₆O₂	Hexyl Acetate	171.5			
13374	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		255
13375	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
13376	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		237
13377	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	~171.2	>80	237
A =	C₈H₁₆O₂	Isoamyl Propionate	160.7			
13378	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		255
13379	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		255
13380	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	160.3	Nonazeotrope		216
13381	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		255
13382	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		255
13383	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		226
13384	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		232
13385	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		237

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data				Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₈H₁₆O₂	Isoamyl Propionate (<i>continued</i>)	160.7				
13386	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope		255
13387	C ₁₀ H ₁₆	Camphene	159.6	155.5	46		250
			~158	~155.5	<50		243
13388	C ₁₀ H ₁₆	Nopinene	163.8	157.0	57		242
13389	C ₁₀ H ₁₆	α -Pinene	155.8	154	~25		243
13390	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope		237
13391	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	157	~49		243
13392	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope		237
A =	C₈H₁₆O₂	Isobutyl Butyrate	156.9				
13393	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8		Nonazeotrope		255
13394	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope		253
13395	C ₁₀ H ₁₆	Nopinene	163.8	<155.4	<75		255
13396	C ₁₀ H ₁₆	α -Pinene	155.8	<153.0	<50		226
13397	C ₁₀ H ₁₆	α -Terpinene	173.3		Nonazeotrope		226
A =	C₈H₁₆O₂	Isobutyl Isobutyrate	148.6				
13398	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope		237
13399	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope		255
13400	C ₁₀ H ₁₆	Camphene	158	153	63		226
13401	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope		226
A =	C₈H₁₆O₂	Propyl Isovalerate	155.7				
13402	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope		237
13403	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8		Nonazeotrope		255
13404	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope		255
13405	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope		253
13406	C ₉ H ₁₂	Propylbenzene	158.9		Nonazeotrope		226
13407	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8		Nonazeotrope		237
13408	C ₁₀ H ₁₆	Camphene	159.6	145	65		225
13409	C ₁₀ H ₁₆	Nopinene	163.8	155.0	75		242
13410	C ₁₀ H ₁₆	α -Pinene	155.8	144.0	53		225
13411	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope		255
13412	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	152	57		253
A =	C₈H₁₆O₃	Isoamyl Lactate	202.4				
13413	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope		255
13414	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope		232
13415	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope		218
13416	C ₁₀ H ₁₄ O	Carvacrol	237.85		Nonazeotrope		255
13417	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope		222
13418	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope		232
13419	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.2	201.8	....		255
13420	C ₁₀ H ₁₈ O	Citronellal	208.0	<202.2	....		255
13421	C ₁₀ H ₁₈ O	Linalool	198.6	<198.5	....		255
13422	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	<202.0	....		255
13423	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope		245
13424	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope		256
A =	C₈H₁₆O₄	2-(2-Ethoxyethoxy) Ethyl Acetate	218.5				
13425	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35		Nonazeotrope		255
13426	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	<214.8	>9		255
13427	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	212.3	8		255
13428	C ₉ H ₁₂ O	3-Phenylpropanol	235.6		Nonazeotrope		255
13429	C ₁₀ H ₁₈ O	Borneol	215		Nonazeotrope		255
13430	C ₁₀ H ₁₈ O	Geraniol	229.6		Nonazeotrope		255
13431	C ₁₀ H ₁₈ O	α -Terpineol	218.85	<218.0	>53		255
13432	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope		255
13433	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35		Nonazeotrope		255
13434	C ₁₀ H ₂₂ O	Decyl alcohol	232.8		Nonazeotrope		255
13435	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope		255
A =	C₈H₁₈	<i>n</i>-Octane	125.4				
13436	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.2		Nonazeotrope, V-l.		44
13437	C ₈ H ₁₈ O	Isobutyl ether	122.3	122.0	90		238
13438	C ₈ H ₁₈ O	Isobutyl ether	122.2		Nonazeotrope ?		228

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₈O	Butyl Ether	142.4			
13439	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope	238
13440	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	238
A =	C₈H₁₈O	Isobutyl Ether	122.3			
13441	C ₈ H ₁₉ N	Diisobutylamine	138.5		Nonazeotrope	231
A =	C₈H₁₈O	Octyl Alcohol	195.2			
13442	C ₉ H ₈	Indene	182.6	182.4	12	207
13443	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6		Nonazeotrope	216
13444	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	255
13445	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	255
13446	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	225
13447	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	190.0	...	218
13448	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	184.8	20	231
13449	C ₉ H ₁₄ O	Phorone	197.8	<193.5	<80	232
			197.8		Nonazeotrope	228
13450	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7		Nonazeotrope	255
13451	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	~189.5	20	216
13452	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	217
13453	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	217
13454	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
13455	C ₁₀ H ₁₆ N	Diethylaniline	217.05		Nonazeotrope	231
13456	C ₁₀ H ₁₆	Camphene	159.6		Nonazeotrope	255
13457	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.45	~8	209
13458	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope	255
13459	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	255
13460	C ₁₀ H ₁₆	α-Terpinene	173.4		Nonazeotrope	255
13461	C ₁₀ H ₁₆	γ-Terpinene	183	182.5	>10	255
13462	C ₁₀ H ₁₆	Thymene	179.7	179.6	~7	210
13463	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	232
13464	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	236
13465	C ₁₀ H ₁₈ O	Citronellal	208.0		Nonazeotrope	255
13466	C ₁₀ H ₁₈ O	Linalool	198.7		Nonazeotrope	208
13467	C ₁₀ H ₁₈ O	Menthone	209.5		Nonazeotrope	232
13468	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35		Nonazeotrope	255
13469	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	192.55	15	244
13470	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	236
13471	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	246
13472	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	191.9	30	236
A =	C₈H₁₈O	sec-Octyl Alcohol	179.0			
13473	C ₉ H ₈	Indene	181.7	176	~60	217
13474	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope	255
13475	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	221
13476	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	255
13477	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	180.0	...	225
13478	C ₉ H ₁₂ O	Phenyl propyl ether	190.2		Nonazeotrope	256
13479	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	179.0	70	231
13480	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2		Nonazeotrope	231
13481	C ₉ H ₁₈ O ₂	Butyl isovalerate	137.6	177.4	11	255
13482	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.3	72	244
13483	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8		Nonazeotrope	255
13484	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7		Nonazeotrope	216
13485	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	<180.0	...	255
13486	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3		Nonazeotrope	216
13487	C ₁₀ H ₁₄	Butylbenzene	183.1	178.2	50	247
13488	C ₁₀ H ₁₄	Cymene	176.7	174	44	217
13489	C ₁₀ H ₁₆ N	Diethylaniline	217.05		Nonazeotrope	231
13490	C ₁₀ H ₁₆	Camphene	159.6	159.55?	...	217
13491	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.5	~45	217
13492	C ₁₀ H ₁₆	Nopinene	163.8	163.5	~5	255
13493	C ₁₀ H ₁₆	α-Phellandrene	171.5	~170	...	243
13494	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	243
13495	C ₁₀ H ₁₆	α-Terpinene	173.4	171.8	27	247
13496	C ₁₀ H ₁₆	Terpinene	180.5	~175.5	...	243
13497	C ₁₀ H ₁₆	Terpinolene	184.6	179.0	57	247

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₈H₁₈O	sec-Octyl Alcohol (continued)	179.0			
13498	C ₁₀ H ₁₈	Thymene	179.7	176	52	217
13499	C ₁₀ H ₁₈ O	Cineole	176.35	175.85	26.5	252
13500	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope		255
13501	C ₁₀ H ₂₂ O	Amyl ether	187.5	179.8	86	236
13502	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.65	17	207
13503	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		256
A =	C₈H₁₈O₂	Bis(2-ethoxyethyl) Ether	186.0			
13504	C ₉ H ₈	Indene	182.5	Nonazeotrope		238
13505	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		238
A =	C₈H₁₈O₂	2-(2-Butoxyethoxy) Ethanol	231.2			
13506	C ₉ H ₇ N	Quinoline	237.3	<229.5	>56	233
13507	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		255
13508	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	225.2	54	255
13509	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		255
13510	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		255
13511	C ₁₀ H ₁₈ O	Geraniol	229.6	<228.5	...	255
13512	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	<230.5	<85	255
A =	C₈H₁₈S	Butyl Sulfide	185.0			
13513	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		246
13514	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<184.2	>53	246
13515	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		246
13516	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		246
13517	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		246
13518	C ₁₀ H ₁₄	Butylbenzene	183.1	182.0	40	246
13519	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		246
13520	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		246
A =	C₈H₁₈S	Isobutyl Sulfide	172.0			
13521	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		246
13522	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	<167.2	...	246
13523	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		246
13524	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		246
13525	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	171.0	62	235
A =	C₈H₂₀SiO₄	Ethyl Silicate	168.8			
13526	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		255
13527	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	168.2	...	255
13528	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	168.75	93	229
13529	C ₁₀ H ₁₆	Camphene	~158	~150	~37	243
13530	C ₁₀ H ₁₆	α -Pinene	155.8	<149	<35	243
13531	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<165.5	...	237
A =	C₉H₇N	Quinoline	237.3			
13532	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		255
13533	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	Nonazeotrope		233
13534	C ₉ H ₁₂ O	Mesitol	220.5	240.4	85	255
13535	C ₉ H ₁₂ O ₂	2-Benzylxyethanol	265.2	Nonazeotrope		233
13536	C ₁₀ H ₈	Naphthalene	237.3	Nonazeotrope		233
13537	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		233
13538	C ₁₀ H ₁₀ O ₂	Safrole	235.9	235.15	27	233
13539	C ₁₀ H ₁₂ O	Anethole	235.7	234.7	30	233
13540	C ₁₀ H ₁₂ O ₂	Eugenol	154.8	Nonazeotrope		255
13541	C ₁₀ H ₁₄ O	Carvacrol	237.85	244.3	48	255
13542	C ₁₀ H ₁₄ O	Thymol	232.9	243.1	55	244
13543	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	235.0	22	255
13544	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
13545	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		233
13546	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		233
13547	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	237.25	93	233
			....	237.25	93	207
13548	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethylbenzene	254.7	Nonazeotrope		255
13549	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
13550	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	267.5	6	256

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₉H₇N	Quinoline (<i>continued</i>)	237.3			
13551	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2		Nonazeotrope	255
13552	C ₁₂ H ₁₀	Biphenyl	256.1		Nonazeotrope	233
13553	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5		Nonazeotrope	233
A =	C₉H₈	Indene	182.6			
13554	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0		Nonazeotrope	233
13555	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3		Nonazeotrope	231
13556	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope	228
13557	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7		Nonazeotrope	255
13558	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	178.0	...	226
13559	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35		Nonazeotrope	221
13560	C ₉ H ₁₈ O ₂	Isobutyl carbonate	190.3		Nonazeotrope	255
13561	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	241
13562	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	255
13563	C ₁₀ H ₁₆	Limonene	177.7		Nonazeotrope	241
13564	C ₁₀ H ₁₈ O	Borneol	215		Nonazeotrope	255
13565	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	233
13566	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	255
13567	C ₁₀ H ₁₈ O	β -Terpineol	210.5		Nonazeotrope	255
13568	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	255
13569	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	226
13570	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	233
13571	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	233
13572	C ₁₀ H ₂₃ N	Diisoamylamine	188.2		Nonazeotrope	231
A =	C₉H₈O	Cinnamaldehyde	253.5			
13573	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	<252.3	...	255
13574	C ₉ H ₁₂ O	3-Phenylpropanol	235.6		Nonazeotrope	255
13575	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7		Nonazeotrope	225
13576	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
13577	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	251.3	23	233
13578	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9		Nonazeotrope	225
13579	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	228
13580	C ₁₀ H ₁₂ O	Anethole	235.7		Nonazeotrope	255
13581	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8		Nonazeotrope	255
13582	C ₁₀ H ₁₄ O	Carvacrol	237.85		Nonazeotrope	255
13583	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
13584	C ₁₁ H ₁₆	1-Methylnaphthalene	244.6		Nonazeotrope	255
13585	C ₁₁ H ₁₆	1-Methylnaphthalene	244.6	~244.4	~5	218
13586	C ₁₁ H ₁₆	2-Methylnaphthalene	241.15		Nonazeotrope	207
13587	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	253.0	80?	218
13588	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5		Nonazeotrope	228
13589	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5		Nonazeotrope	255
13590	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	228
13591	C ₁₂ H ₁₀	Acenaphthene	277.9		Nonazeotrope	255
13592	C ₁₂ H ₁₀	Biphenyl	255.0	~250.0	~40	228
13593	C ₁₂ H ₁₀ O	Phenyl ether	259.0	253.0	65	236
13594	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0		Nonazeotrope	228
13595	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
13596	C ₁₃ H ₁₂	Diphenylmethane	265.4		Nonazeotrope	228
A =	C₉H₉N	2-Methylindole	268			
13597	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	272.0	56	255
A =	C₉H₁₀O	Cinnamyl Alcohol	257.0			
13598	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol	265.2		Nonazeotrope	255
13599	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
13600	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	<251.6	...	255
13601	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9		Nonazeotrope	255
13602	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	255
13603	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8		Nonazeotrope	255
13604	C ₁₀ H ₁₄ O	Carvone	231.0		Nonazeotrope	232
13605	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
13606	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	231
13607	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3		Nonazeotrope	255
13608	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	<244.3	>12	255

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₉H₁₀O	Cinnamyl Alcohol (<i>continued</i>)	257.0				
13609	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope			255
13610	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope			255
13611	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope			255
13612	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope			255
13613	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope			255
13614	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope			255
13615	C ₁₂ H ₁₀	Biphenyl	256.1	253.0	~45		255
13616	C ₁₂ H ₁₀ O	Phenyl ether	259.0	<256.0	....		255
13617	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope			255
13618	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	<256.7	....		255
13619	C ₁₃ H ₁₂	Diphenylmethane	265.4	<256.2	>62		255
13620	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope			255
A =	C₉H₁₀O	p-Methylacetophenone	226.35				
13621	C ₉ H ₁₀ O ₂	Ethyl salicylate	233.8	Nonazeotrope			232
13622	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope			232
13623	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope			232
13624	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope			232
13625	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope			232
13626	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	226.2	75		232
13627	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope			232
13628	C ₁₀ H ₁₄ O	Thymol	232.9	234.9	32		232
13629	C ₁₀ H ₁₄ O ₂	m-Diethoxybenzene	235	Nonazeotrope			217
13630	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope			231
13631	C ₁₀ H ₁₈ O	Geraniol	229.6	226.25	95		232
13632	C ₁₀ H ₁₈	α-Terpeneol	218.85	Nonazeotrope			232
13633	C ₁₀ H ₂₀ O	Citronellol	224.4	223.7	32		232
13634	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope			215
13635	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope			232
13636	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope			207
13637	C ₁₁ H ₂₀ O	Methyl terpenyl ether	216.2	Nonazeotrope			232
13638	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope			232
13639	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	225.8	60		232
A =	C₉H₁₀O	Propiophenone	217.7				
13640	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope			232
13641	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope			232
13642	C ₉ H ₁₂ N	N,N-Dimethyl-p-toluidine	210.2	Nonazeotrope			255
13643	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope			232
13644	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope			255
13645	C ₁₀ H ₁₄ O	Thymol	232.9	>233.2	>13		232
13646	C ₁₀ H ₁₆ N	Diethylaniline	217.05	<216.6	<47		231
13647	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope			232
13648	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope			232
13649	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	215.4	25		232
13650	C ₂₀ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope			232
A =	C₉H₁₀O₂	Benzyl Acetate	214.9				
13651	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.4	212.35	2		209
			212.5	Nonazeotrope			229
13652	C ₁₀ H ₈	Naphthalene	218.05	214.65	~72		209
13653	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope			211
13654	C ₁₀ H ₁₆	γ-Terpinene	179.7	Nonazeotrope			226
13655	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope			232
13656	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope			232
13657	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope			255
13658	C ₁₀ H ₁₈ O	Borneol	213.2	212.8	~36		209
13659	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope			255
13660	C ₁₀ H ₁₈ O	α-Terpeneol	217.8	214.5	~65		209
13661	C ₁₀ H ₁₈ O	β-Terpeneol	210.5	210.2	22		255
13662	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope			255
13663	C ₁₀ H ₂₀ O	Menthol	216.4	~213.5	73.5		209
13664	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope			207
13665	C ₁₁ H ₂₀ O	Methyl α-terpeneol ether	216.2	214.7	72		237
13666	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.5	Nonazeotrope			237
13667	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	214.5	50		226

No.	Formula	B-Component	Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₉H₁₀O₂	Ethyl Benzoate	212.5			
13668	C ₉ H ₁₀ O ₂	Methyl α -toluate	215.3	Nonazeotrope		229
13669	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		243
13670	C ₁₀ H ₁₂ O	Estragol	215.6	Nonazeotrope		237
13671	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		211
13672	C ₁₀ H ₁₅ N	Diethylaniline	216.1	Reacts		243
13673	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
13674	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		255
13675	C ₁₀ H ₁₇ Cl	Bornyl chloride	~210	~209.5	...	243
13676	C ₁₀ H ₁₈ O	Borneol	213.2	212.2	90	209
13677	C ₁₀ H ₁₈ O	Citronellal	~207.8	Nonazeotrope		212
13678	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		215
13679	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
13680	C ₁₀ H ₁₈ O	α -Terpineol	~217.8	212.55	~98	216
13681	C ₁₀ H ₁₈ O	β -Terpineol	210.5	<209.8	<48	255
13682	C ₁₀ H ₂₀ O	Menthol	216.4	212.3	95	209
13683	C ₁₁ H ₂₀ O	Terpineol methyl ether	216	<212.3	<78	237
13684	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	<210.6	15?	237
13685	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216.0	Nonazeotrope		226
A =	C₉H₁₀O₂	Methyl α-Toluate	215.3			
13686	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
13687	C ₁₀ H ₁₈ O	Borneol	215.0	<214.3	<52	255
13688	C ₁₀ H ₁₈ O	α -Terpineol	218.85	<215.0	>75	255
13689	C ₁₀ H ₂₀ O	Menthol	216.3	<214.5	>63	255
A =	C₉H₁₀O₃	Ethyl Salicylate	233.8			
13690	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		255
13691	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.65	88	216
			235.9	Nonazeotrope		236
13692	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	234.0	Nonazeotrope		218
13693	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		228
13694	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		255
13695	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
13696	C ₁₀ H ₁₄ O	Thymol	232.9	235	~65	216
13697	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
13698	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		225
13699	C ₁₀ H ₁₈ O	Geraniol	229.7	228.5	40	216
13700	C ₁₀ H ₁₈ O	α -Terpineol	~217.8	Nonazeotrope		216
13701	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		225
13702	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		216
13703	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	230.5	48	216
13704	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		216
13705	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
13706	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		255
13707	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		218
13708	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		255
13709	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<232.0	<28	255
13710	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		255
13711	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		218
A =	C₉H₁₂	Cumene	152.8			
13712	C ₉ H ₂₀	Nonane	149.5	148.0	23	241
13713	C ₁₀ H ₁₆	α -Pinene	155.8	151.8	80	241
A =	C₉H₁₂	Mesitylene	164.6			
13714	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		241
13715	C ₉ H ₁₂	Pseudocumene	169.0	Nonazeotrope		243
13716	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
13717	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		255
13718	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		255
13719	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	163	...	243
			168.7	Nonazeotrope		226
13720	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		255
13721	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		241
13722	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		241
13723	C ₁₀ H ₁₆	Nopinene	163.8	162.7	40	241

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₉H₁₂	Mesitylene (<i>continued</i>)	164.6			
13724	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		241
13725	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		241
13726	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		220
13727	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	158.6	28	241
13728	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		228
A =	C₉H₁₂	Propylbenzene	159			
13729	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		255
13730	C ₁₀ H ₁₆	Camphene	159.6	158.0	47	241
13731	C ₁₀ H ₁₆	Nopinene	163.8	<159.0	>85	241
13732	C ₁₀ H ₁₆	α -Pinene	155.8	155.0	17	241
A =	C₉H₁₂	Pseudocumene	168.2			
13733	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		231
13734	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		221
			168.7	<166.5	~49	243
13735	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		241
13736	C ₁₀ H ₁₈	Menthene	170.8	167.5	>85	241
13737	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		238
13738	C ₁₀ H ₂₂	Decane	173.3	166.5	75	241
13739	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		238
A =	C₉H₁₂O	Benzyl Ethyl Ether	185.0			
13740	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		237
13741	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		237
13742	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		238
13743	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		238
13744	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		255
13745	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
13746	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
13747	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		237
A =	C₉H₁₂O	Mesitol	230.5			
13748	C ₁₀ H ₈	Naphthalene	218.0	215.5	37	242
13749	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	213.0	30	242
A =	C₉H₁₂O	3-Phenylpropanol	235.6			
13750	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol	265.2	Nonazeotrope		255
13751	C ₁₀ H ₈	Naphthalene	218.05	217.8	~20	217
13752	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		255
13753	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.8	47	225
13754	C ₁₀ H ₁₂ O	Anethole	235.7	234.0	48	247
13755	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		216
13756	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		255
13757	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		216
13758	C ₁₀ H ₁₄ O	Carvacrol	237.85	>238.5	<42	255
13759	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
13760	C ₁₀ H ₁₄ O	Thymol	232.9	237.5	~62	222
13761	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	<234.8	>43	255
13762	C ₁₀ H ₁₅ N	Diethylaniline	217.05	216.9	7	231
			217.05	Nonazeotrope		228
13763	C ₁₀ H ₁₈ O	Geraniol	229.7	Nonazeotrope		225
13764	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		229
13765	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		255
13766	C ₁₀ H ₂₀ O	Decyl alcohol	232.9	232.0	....	225
13767	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	234	~60	221
13768	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	233.7	....	255
13769	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		255
13770	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		216
13771	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
13772	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		231
13773	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	<231.8	>5	255
13774	C ₁₂ H ₁₀	Biphenyl	254.9	235.4	....	217
13775	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		255
13776	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		255
13777	C ₁₅ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		217

No	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₉H₁₂O	Phenyl Propyl Ether	190.5			
13778	C ₉ H ₁₂ N	Dimethyl- <i>o</i> -toluidine	185.35		Nonazeotrope	255
13779	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	255
A =	C₉H₁₂O₂	2-Benzoyloxyethanol	265.2			
13780	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	<261.5	....	255
13781	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
13782	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0		Nonazeotrope	255
13783	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9		Nonazeotrope	255
13784	C ₁₀ H ₁₆ O ₂	Safrole	235.9		Nonazeotrope	255
13785	C ₁₀ H ₁₂ O ₂	Eugenol	254.8		Nonazeotrope	255
13786	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6		Nonazeotrope	255
13787	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	255
13788	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0		Nonazeotrope	255
13789	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0		Nonazeotrope	255
13790	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1		Nonazeotrope	255
13791	C ₁₂ H ₁₀ O	Phenyl ether	259.0	<258.2	>15	255
13792	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	261.0	~15	255
13793	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5		Nonazeotrope	255
13794	C ₁₃ H ₁₂	Diphenylmethane	265.4	262.5	46	255
13795	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5		Nonazeotrope	255
A =	C₉H₁₃N	<i>N,N</i>-Dimethyl-<i>o</i>-toluidine	185.3			
13796	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	231
13797	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	231
13798	C ₁₀ H ₁₆	Camphene	159.6		Nonazeotrope	231
13799	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	231
13800	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	231
13801	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	231
13802	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	231
13803	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	231
13804	C ₁₀ H ₁₈ O	β-Terpineol	210.5		Nonazeotrope	231
13805	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4		Nonazeotrope	231
13806	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
A =	C₉H₁₃N	<i>N,N</i>-Dimethyl-<i>p</i>-toluidine	210.2			
13807	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	255
13808	C ₁₀ H ₁₈ O	Geraniol	229.6		Nonazeotrope	231
13809	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8		Nonazeotrope	231
13810	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2		Nonazeotrope	255
13811	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	255
13812	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8		Nonazeotrope	255
A =	C₉H₁₄O	Phorone	197.8			
13813	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9		Nonazeotrope	232
13814	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3		Nonazeotrope	232
13815	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
13816	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
13817	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	255
13818	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	232
13819	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	246
13820	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4		Nonazeotrope	255
13821	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9		Nonazeotrope	255
A =	C₉H₁₈O	2,6-Dimethyl-4-heptanone	168.0			
13822	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8		Nonazeotrope	232
13823	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	232
A =	C₉H₁₈O₂	Butyl Isovalerate	177.6			
13824	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05		Nonazeotrope	255
13825	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	255
13826	C ₁₀ H ₁₆	Camphene	158		Nonazeotrope	226
13827	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	176	55	226
13828	C ₁₀ H ₁₆	Nopinene	164		Nonazeotrope	226
13829	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	255
13830	C ₁₀ H ₁₈ O	Cineole	176.35	<176.2	<75	237
13831	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	237
13832	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	237

TABLE I. BINARY SYSTEMS

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₉H₁₈O₂	Ethyl Enanthate	188.7			
13833	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
13834	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	255
13835	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	255
A =	C₉H₁₈O₂	Isoamyl Butyrate	181.05			
13836	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	255
13837	C ₁₀ H ₁₄	Butylbenzene	183.2		Nonazeotrope	226
13838	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	255
13839	C ₁₀ H ₁₄	Cymene	175.3	<173	....	243
13840	C ₁₀ H ₁₆	Camphene	158		Nonazeotrope	226
13841	C ₁₀ H ₁₆	d-Limonene	177.8	~176.5	~45	208
13842	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope	255
13843	C ₁₀ H ₁₆	α-Terpinene	173.4		Nonazeotrope	255
13844	C ₁₀ H ₁₆	γ-Terpinene	179.9	177.5	57	226
13845	C ₁₀ H ₁₆	Terpinolene	185	~177	....	243
			185.2		Nonazeotrope	226
13846	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	237
13847	C ₁₀ H ₁₈ O	Cineole	176.35	<175.9	~25	252
13848	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	216
13849	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	237
13850	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	237
13851	C ₁₁ H ₂₀ O	Isobornyl methy l ether	192.4		Nonazeotrope	237
A =	C₉H₁₈O₂	Isoamyl Isobutyrate	168.8			
13852	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	168.4?	....	253
13853	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	255
13854	C ₁₀ H ₁₆	Camphene	159.6	<159.5	<22	255
13855	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	255
13856	C ₁₀ H ₁₆	α-Pinene	155.8	<155.6	<16	255
13857	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	237
A =	C₉H₁₈O₂	Isobutyl Isovalerate	171.2			
13858	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
13859	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	226
13860	C ₁₀ H ₁₆	Camphene	159.6		Nonazeotrope	255
13861	C ₁₀ H ₁₆	d-Limonene	177.9		Nonazeotrope	226
13862	C ₁₀ H ₁₆	α-Pinene	155.8		Nonazeotrope	226
13863	C ₁₀ H ₁₆	α-Terpinene	173.3	170.5	65	226
13864	C ₁₀ H ₁₆	γ-Terpinene	183		Nonazeotrope	255
13865	C ₁₀ H ₁₆	Terpinolene	185.2		Nonazeotrope	226
13866	C ₁₀ H ₁₈	m-Menthene-8	170.8	<170.5	<92	255
13867	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	237
13868	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	159	12	226
13869	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	237
13870	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.95	90	237
A =	C₉H₁₈O₂	Methyl Caprylate	192.9			
13871	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	255
13872	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	255
13873	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	192.5	47	229
A =	C₉H₁₈O₂	Pelargonic Acid	254.0			
13874	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2		Nonazeotrope	255
13875	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	252.5	>50	255
13876	C ₁₀ H ₁₈	Naphthalene	218.0		Nonazeotrope	255
13877	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	249.5	35	236
13878	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	255
13879	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	250.5	52	255
13880	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
13881	C ₁₀ H ₁₆ O ₄	Propyl succinate	250.5	<249.8	20	255
13882	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.0	18	242
13883	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.2	10	207
13884	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5		Nonazeotrope	255
13885	C ₁₂ H ₁₀	Biphenyl	256.1	250	45	242
13886	C ₁₂ H ₁₈ O	Phenyl ether	259.0	250.5	55	236

No.	Formula	B-Component		Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A		
A =	C₉H₁₃O₂	Pelargonic Acid (<i>continued</i>)	254.0				
13887	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope			255
13888	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope			255
13889	C ₁₃ H ₁₂	Diphenylmethane	265.4	252.7	75		243
A =	C₉H₁₅O₃	Isobutyl Carbonate	190.3				
13890	C ₁₀ H ₁₆	Camphene	158	Nonazeotrope			226
13891	C ₁₀ H ₁₆	Dipentene	177.7	<174.5	<33		255
13892	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope			226
13893	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope			226
13894	C ₁₀ H ₁₈ O	Cineole	176.35	<176.0	>18		237
13895	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope			228
13896	C ₁₀ H ₁₈ O	Linalool	198.6	<189.8	<96		255
13897	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope			215
13898	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<172.5	....		237
13899	C ₁₁ H ₁₆	1-Methylnaphthalene	244.6	Nonazeotrope			218
A =	C₁₀H₇Br	1-Bromonaphthalene	281.2				
13900	C ₁₀ H ₈ O	1-Naphthol	288	281	....		224
13901	C ₁₀ H ₈ O	2-Naphthol	295	Nonazeotrope			255
13902	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope			227
13903	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	278.85	61		221
13904	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope			221
13905	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope			239
13906	C ₁₁ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope			255
13907	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope			222
13908	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope			227
13909	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope			222
13910	C ₁₃ H ₁₀	Fluorene	295	Nonazeotrope			255
13911	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope			255
13912	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope			239
13913	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope			225
A =	C₁₀H₇Cl	1-Chloronaphthalene	262.7				
13914	C ₁₀ H ₈ O	1-Naphthol	288	Nonazeotrope			222
13915	C ₁₀ H ₈ O	2-Naphthol	295	Nonazeotrope			222
13916	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope			221
13917	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	260.7	55		222
13918	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	Nonazeotrope			227
13919	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope			255
13920	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	<262.4	<92		255
13921	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope			255
13922	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope			224
13923	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope			227
13924	C ₁₀ H ₂₀ O ₂	Capric acid	268.8	<261.5	<88		255
13925	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope			255
13926	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope			207
13927	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope			221
13928	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope			221
13929	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope			227
13930	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope			239
13931	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope			255
13932	C ₁₂ H ₁₀	Biphenyl	254.8	Nonazeotrope			225
13933	C ₁₂ H ₁₀ O	Phenyl ether	259.3	258.92	~6		239
13934	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	261.65	23		222
13935	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope			255
13936	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	262.5	~92		222
13937	C ₁₃ H ₁₂	Diphenylmethane	265.4	262.55	93		221
A =	C₁₀H₈	Naphthalene	218.05				
13938	C ₁₀ H ₁₀ O ₃	Safrole	235.9	Nonazeotrope			228
13939	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope			238
13940	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope			209
13941	C ₁₀ H ₁₂ O ₂	Propyl benzoate	231.2	Nonazeotrope			243
13942	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope			255
13943	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope			232
13944	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope			210

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₁₀H₈	Naphthalene (continued)	218.05			
13945	C ₁₀ H ₁₆ N	Diethylaniline	217.05	Nonazeotrope		231
			216.5	213	....	243
13946	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		232
13947	C ₁₀ H ₁₆ O	Citral	226	Nonazeotrope		243
13948	C ₁₀ H ₁₆ O	Pulegone	~224	Nonazeotrope		209
13949	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		255
13950	C ₁₀ H ₁₈ O	Borneol	213.4	213.0	35	254
13951	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		221
			229.5	218.0?	....	243
13952	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		212
13953	C ₁₀ H ₁₈ O	α-Terpineol	217.8	212	~45	208
13954	C ₁₀ H ₁₈ O	β-Terpineol	210.5	Nonazeotrope		255
13955	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		226
13956	C ₁₀ H ₂₀ O	Citronellol	224.5	217.8	70	217
13957	C ₁₀ H ₂₀ O	Menthol	216.4	215.15	25.5	209
13958	C ₁₀ H ₂₀ O ₂	Capric acid	268.8	Nonazeotrope		255
13959	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
13960	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
13961	C ₁₀ H ₂₂ O	n-Decyl alcohol	232.9	Nonazeotrope		209
13962	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		255
13963	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		255
13964	C ₁₁ H ₂₀ O	Terpineol methyl ether	216	Nonazeotrope		243
13965	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		255
13966	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	228.8	Nonazeotrope		211
13967	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<214.8	<20	241
13968	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		209
13969	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		238
13970	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		241
A =	C₁₀H₉O	1-Naphthol	288.0			
13971	C ₁₀ H ₉ N	1-Naphthylamine	300.8	Nonazeotrope		231
13972	C ₁₀ H ₉ N	2-Naphthylamine	306.1	Nonazeotrope		231
13973	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		255
13974	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		222
13975	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
13976	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		222
13977	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		222
13978	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		255
13979	C ₁₂ H ₁₀	Acenaphthene	177.9	174.0	20	224
13980	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		222
13981	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		236
13982	C ₁₂ H ₁₁ N	Diphenylamine	275	Azeotropic		243
13983	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		255
13984	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		255
13985	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		222
13986	C ₁₃ H ₁₀	Fluorene	295	Nonazeotrope		255
13987	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		255
13988	C ₁₃ H ₁₂	Diphenylmethane	265.6	265	10	224
13989	C ₁₄ H ₁₂	1,2-Diphenylethylene	308.5	Nonazeotrope		255
A =	C₁₀H₈O	2-Naphthol	295.0			
13990	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	>296.0	>82	255
13991	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		255
13992	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		255
13993	C ₁₂ H ₁₀	Acenaphthene	277.9	277.0	10	224
13994	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		222
13995	C ₁₂ H ₁₂	Diphenylmethane	265.5	Nonazeotrope		222
13996	C ₁₄ H ₁₂	Stilbene	308.5	Nonazeotrope		255
13997	C ₁₄ H ₁₄	1,2-Diphenylethane	285.5	Nonazeotrope		255
13998	C ₁₄ H ₁₄	1,2-Diphenylethane	284	283.5	....	224
A =	C₁₀H₉N	1-Naphthylamine	300.8			
13999	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		231
14000	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		231
14001	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		231
14002	C ₁₄ H ₁₄ O	Benzyl ether	297	<296	....	255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₁₀H₉N	2-Naphthylamine	306.1			
14003	C ₁₃ H ₁₃ O	Benzyl phenyl ether	286.5		Nonazeotrope	255
14004	C ₁₄ H ₁₄ O	Benzyl ether	297		Nonazeotrope	255
A =	C₁₀H₉N	Quinaldine	246.5			
14005	C ₁₀ H ₁₀ O ₂	Safrole	235.9		Nonazeotrope	255
14006	C ₁₀ H ₁₄ O	Carvacrol	237.85	250.8	67	255
14007	C ₁₀ H ₁₄ O	Thymol	232.9	250.0	80	255
A =	C₁₀H₁₀O₂	Isosafrol	252.1			
14008	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.6		Nonazeotrope	211, 237
14009	C ₁₀ H ₁₂ O ₂	Eugenol	255.0	252.05?	~92	254
14010	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	222
14011	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	<249.0	<70	237
14012	C ₁₀ H ₂₀ O ₂	Capric acid	268.8		Nonazeotrope	255
14013	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6		Nonazeotrope	228
14014	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	207
14015	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7		Nonazeotrope	229
14016	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5		Nonazeotrope	237
14017	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	237
14018	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	<250.0	>64	231
14019	C ₁₂ H ₁₀	Biphenyl	255.0		Nonazeotrope	228
14020	C ₁₂ H ₁₀ O	Phenyl ether	259.0		Nonazeotrope	229
14021	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05		Nonazeotrope	237
14022	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	237
14023	C ₁₂ H ₁₂	Diphenylmethane	265.6		Nonazeotrope	215
14024	C ₁₅ H ₂₃ BO ₂	Isoamyl borate	255	<250.8	...	237
A =	C₁₀H₁₀O₂	Methyl Cinnamate	261.95			
14025	C ₁₀ H ₁₂ O ₂	Eugenol	255.0		Nonazeotrope	236
14026	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8		Nonazeotrope	215
14027	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
14028	C ₁₀ H ₂₀ O ₂	Capric acid	~268.8		Nonazeotrope	255
14029	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3		Nonazeotrope	255
14030	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1		Nonazeotrope	226
14031	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	207
14032	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2		Nonazeotrope	237
14033	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5		Nonazeotrope	237
14034	C ₁₂ H ₁₀	Acenaphthene	277.9		Nonazeotrope	226
14035	C ₁₂ H ₁₀	Biphenyl	255.9		Nonazeotrope	222
14036	C ₁₂ H ₁₀ O	Phenyl ether	259.3	258.8	17?	237
14037	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	260.5	47.5	229
14038	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5		Nonazeotrope	255
14039	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	255
14040	C ₁₂ H ₁₂	Diphenylmethane	265.6	261.55	~95	253
A =	C₁₀H₁₀O₂	Safrole	235.9			
14041	C ₁₀ H ₁₂ O	Anethole	235.7	234.65	60	207
14042	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75		Nonazeotrope	237
14043	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85		Nonazeotrope	237
			231.2	228	40	243
14044	C ₁₀ H ₁₄ N ₂	Nicotine	247.5		Nonazeotrope	255
14045	C ₁₀ H ₁₄ O	Carvacrol	237.85		Nonazeotrope	236
14046	C ₁₀ H ₁₄ O	Carvone	231.0		Nonazeotrope	232
14047	C ₁₀ H ₁₄ O	Thymol	232.8		Nonazeotrope	209
14048	C ₁₀ H ₁₆ N	Diethylaniline	217.05		Nonazeotrope	231
14049	C ₁₀ H ₁₆ O	Menthenone	222.5		Nonazeotrope	244
14050	C ₁₀ H ₁₆ O	Pulegone	223.8		Nonazeotrope	255
14051	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	255
14052	C ₁₀ H ₁₈ O	Geraniol	235.9		Nonazeotrope	225
14053	C ₁₀ H ₁₈ O	α -Terpineol	218.85		Nonazeotrope	255
14054	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5		Nonazeotrope	237
14055	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope	225
14056	C ₁₀ H ₂₂ O	Decyl alcohol	235.9		Nonazeotrope	225
14057	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9		Nonazeotrope	217
14058	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	207
14059	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2		Nonazeotrope	215

TABLE I. BINARY SYSTEMS

No.	B-Component		B.P., ° C	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₁₀H₁₀O₂	Safrole (continued)	235.9			
14060	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		237
14061	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope		237
14062	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		237
14063	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		231
14064	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<231.8	....	237
14065	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		228
14066	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		237
A =	C₁₀H₁₀O₄	Methyl Phthalate	283.2			
14067	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		220
14068	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		237
14069	C ₁₂ H ₁₀	Acenaphthene	277.9	276.35	33.5	222
14070	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		226
14071	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		237
14072	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		255
14073	C ₁₂ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		226
14074	C ₁₂ H ₁₂ O	Benzyl phenyl ether	286.5	<282.5	....	237
14075	C ₁₄ H ₁₄	1,2-Diphenylethane	284	280.5	53	226
14076	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		237
A =	C₁₀H₁₂O	Anethole	235.7			
14077	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		237
14078	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		236
14079	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		232
14080	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		255
14081	C ₁₀ H ₁₆ N	Diethylaniline	217.05	Nonazeotrope		231
14082	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		255
14083	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		255
14084	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		255
14085	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
14086	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	<232.6	<78	255
14087	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		238
14088	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
14089	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		237
A =	C₁₀H₁₂O	Estragole	215.6			
14090	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		255
A =	C₁₀H₁₂O₂	Ethyl α-toluate	228.75			
14091	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.9	228.7	97	209
			230.85	Nonazeotrope		229
14092	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.3	20	255
14093	C ₁₀ H ₁₄ O	Carvone	231.0	228.6	93	232
14094	C ₁₀ H ₁₄ O	Thymol	232.8	235.75	37.5	209
14095	C ₁₀ H ₁₄ O ₂	m-Diethoxybenzene	235.0	Nonazeotrope		237
14096	C ₁₀ H ₁₆ O	Carvenone	234.5	Nonazeotrope		232
14097	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
14098	C ₁₀ H ₁₈ O	Geraniol	229.6	228.1	70	209
14099	C ₁₀ H ₁₈ O	α-Terpineol	217.8	Nonazeotrope		216
14100	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		216
14101	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
14102	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		255
14103	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	228.55	94	209
14104	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		217
14105	C ₁₁ H ₁₂	2-Methylnaphthalene	241.15	Nonazeotrope		255
14106	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		255
14107	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		237
14108	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	228.5	227.9	....	253
14109	C ₁₂ H ₂₀ O ₃	Bornyl acetate	227.6	226.6	44	229
A =	C₁₀H₁₂O₂	Eugenol	254.8			
14110	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		255
14111	C ₁₀ H ₁₆ O	Menthenone	222.5	Nonazeotrope		255
14112	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		255
14113	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		236
14114	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
14115	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2	255.3	~45	254

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C	B.P., ° C.	Wt. % A	Ref.
A =	C₁₀H₁₂O₂	Eugenol (continued)	254.8			
14116	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		228
14117	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	Nonazeotrope		215
14118	C ₁₁ H ₁₆ O	<i>p</i> -tert-Amylphenol	266.5	Nonazeotrope		255
14119	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	<254.5	...	231
14120	C ₁₂ H ₁₀	Biphenyl	255.0	253.5	50?	236
14121	C ₁₂ H ₁₀ O	Phenyl ether	259.3	254.9	~97	254
14122	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		236, 254
14123	C ₁₈ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		236
A =	C₁₀H₁₂O₂	Isoeugenol	268.8			
14124	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
14125	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.5	Nonazeotrope		228
14126	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		215
14127	C ₁₁ H ₁₆ O	<i>p</i> -tert-Amylphenol	266.5	Nonazeotrope		255
14128	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		255
14129	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		236
14130	C ₁₂ H ₁₀	Biphenyl	255.0	Nonazeotrope		236
14131	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		251
14132	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		215
14133	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		255
14134	C ₁₈ H ₁₂	Diphenylmethane	265.5	264.7	20?	236
14135	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		255
A =	C₁₀H₁₂O₂	Propyl Benzoate	230.85			
14136	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.85	18	242
14137	C ₁₀ H ₁₄ O	Carvone	231.0	231.5?	50	232
14138	C ₁₀ H ₁₄ O	Thymol	232.8	235.5	45	209
14139	C ₁₀ H ₁₆ O	Carvenone	234.5	Nonazeotrope		232
14140	C ₁₀ H ₁₆ O	Citral	226	Nonazeotrope		243
14141	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		232
14142	C ₁₀ H ₁₈ O	Geraniol	229.5	228.0	~45	243
14143	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
14144	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		216
14145	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
14146	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		255
14147	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.5	230.7	~75	208
14148	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		217
14149	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
14150	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	<230.8	...	229
A =	C₁₀H₁₄	Butylbenzene	183.1			
14151	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		241
14152	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		241
14153	C ₁₀ H ₁₆	Terpinolene	184.6	182.2	65	241
14154	C ₁₀ H ₁₈ O	Borneol	215	Nonazeotrope		255
14155	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		228
14156	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		255
14157	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
14158	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
14159	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		238
14160	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		238
A =	C₁₀H₁₄	Cymene	176.7			
14161	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		241
14162	C ₁₀ H ₁₆	Dipentene	177.7	175.8	60	241
14163	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.5	75	243
14164	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		241
14165	C ₁₀ H ₁₆	α -Terpinene	173.4	173.0	20	241
14166	C ₁₀ H ₁₈ O	Cineole	176.35	176.2	45	238
14167	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		217
14168	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		255
14169	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		217
14170	C ₁₀ H ₂₂ N	Diisoamylamine	188.2	Nonazeotrope		231
A =	C₁₀H₁₄	Isobutylbenzene	241.9			
14171	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		237

No.	B-Component		Azeotropic Data			Ref.
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₁₀H₁₄N₂	Nicotine	247.5			
14171a	C ₁₀ H ₁₄ O	Thymol	232.9	>250.2	>79	255
14171b	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4		Nonazeotrope	255
A =	C₁₀H₁₄O	Carvacrol	237.85			
14172	C ₁₀ H ₁₄ O	Carvone	231.0	242.2	>58	232
14173	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	255
14174	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	231
14175	C ₁₀ H ₁₆ O	Carvenone	234.5	243.0	55	255
14176	C ₁₀ H ₁₆ O	Menthenone	222.5	239.5	75	255
14177	C ₁₀ H ₁₆ O	Pulegone	223.8	238.4	...	232
14178	C ₁₀ H ₁₈ O	Geraniol	229.6	>238.2	>85	255
14179	C ₁₀ H ₁₈ O	Menthone	209.5		Nonazeotrope	255
14180	C ₁₀ H ₁₈ O	α -Terpineol	218.85		Nonazeotrope	255
14181	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	251.5	25	255
14182	C ₁₀ H ₂₂ O	Decyl alcohol	232.8		Nonazeotrope	255
14183	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6		Nonazeotrope	255
14184	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0		Nonazeotrope	255
14185	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	243.85	33	242
14186	C ₁₁ H ₁₇ N	Isoamylaniline	256.0		Nonazeotrope	231
14187	C ₁₁ H ₂₂ O ₄	Isoamyl carbonate	232.2	>239.0	>62	255
14188	C ₁₂ H ₁₀	Biphenyl	256.1		Nonazeotrope	255
14189	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	238.8	75	242
A =	C₁₀H₁₄O	Carvone	230.95			
14190	C ₁₀ H ₁₄ O	Thymol	232.9	238.65	48	232
14191	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235		Nonazeotrope	217
14192	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	231
14193	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	232
14194	C ₁₀ H ₁₈ O	Geraniol	229.6	229.2	40	232
14195	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope	232
14196	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	232
14197	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	230.85	81	232
14198	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6		Nonazeotrope	232
14199	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	207
14200	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	232
14201	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	265		Nonazeotrope	255
14202	C ₁₁ H ₁₇ N	<i>N</i> -Isoamylaniline	256.0		Nonazeotrope	255
14203	C ₁₁ H ₂₂ O ₄	Isoamyl carbonate	228.5		Nonazeotrope	253
			232.2	230.5	60	232
14204	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	232
A =	C₁₀H₁₄O	Thymol	232.9			
14206	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0		Nonazeotrope	222
14207	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	231
14208	C ₁₀ H ₁₆ O	Camphor	209.1	233.3	84	232
			209.1		Nonazeotrope	222
14209	C ₁₀ H ₁₆ O	Carvenone	234.5	241.0	50	255
14210	C ₁₀ H ₁₆ O	Pulegone	223.8	235.3	65	232
14211	C ₁₀ H ₁₈ O	Borneol	213.4		Nonazeotrope	222
14212	C ₁₀ H ₁₈ O	Geraniol	229.6	235.6	57.5	209
14213	C ₁₀ H ₁₈ O	Linaloöl	198.6		Nonazeotrope	255
14214	C ₁₀ H ₁₈ O	Menthone	209.5	233.2	92	255
14215	C ₁₀ H ₁₈ O	α -Terpineol	217.8		Nonazeotrope	209
14216	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5		Nonazeotrope	255
14217	C ₁₀ H ₂₀ O	Citronellol	224	233.8	~85	253
14218	C ₁₀ H ₂₀ O	Menthol	216.4		Nonazeotrope	222
14219	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8		Nonazeotrope	255
14220	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.5	~234.5	~60	209
14221	C ₁₁ H ₁₀	1-Methylnaphthalene	242		Nonazeotrope	253
14222	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	207
14223	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7		Nonazeotrope	255
14224	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8		Nonazeotrope	222
14225	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	243.2	20	253
14226	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5		Nonazeotrope	255
14227	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2		Nonazeotrope	224
14228	C ₁₁ H ₂₂ O ₄	Isoamyl carbonate	232.2	236.25	~48	222
14229	C ₁₂ H ₁₀	Biphenyl	255.9		Nonazeotrope	222

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₁₀H₁₄O	Thymol (continued)	232.9			
14230	C ₁₂ H ₁₀ O	Phenyl ether	259.0		Nonazeotrope	255
14231	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216		Nonazeotrope	224
14232	C ₁₂ H ₂₂ O ₂	Bornyl acetate	227.7	235.6	60	209
A =	C₁₀H₁₄O₂	<i>m</i>-Diethoxybenzene	235.4			
14234	C ₁₀ H ₁₆ N	Diethylaniline	217.05		Nonazeotrope	255
14235	C ₁₀ H ₁₈ O	Geraniol	229.7		Nonazeotrope	256
14236	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope	255
14237	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	232.2	...	256
14238	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	<231.0	>33	237
14239	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	237
=	C₁₀H₁₆N	Diethylaniline	217.05			
14240	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	231
14241	C ₁₀ H ₁₆ O	Citral	226		Reacts	243
14242	C ₁₀ H ₁₆ O	Pulegone	223.8		Nonazeotrope	231
14243	C ₁₀ H ₁₈ O	Borneol	215.0	<214.8	<20	231
			213.5		Nonazeotrope	222
14244	C ₁₀ H ₁₈ O	Geraniol	229.6		Nonazeotrope	231
14245	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	231
14246	C ₁₀ H ₁₈ O	α -Terpineol	218.85	215.5	56	231
14247	C ₁₀ H ₁₈ O	β -Terpineol	210.5		Nonazeotrope	231
14248	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope	231
14249	C ₁₀ H ₂₀ O	Menthol	216.3	215.3	43.5	231
14250	C ₁₀ H ₂₂ O	Decyl alcohol	232.8		Nonazeotrope	231
14251	C ₁₁ H ₁₀	2-Methylnaphthalene	241.5		Nonazeotrope	207
14252	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<216.0	<49	255
14253	C ₁₁ H ₂₀ O	Methyl α -terpinyl ether	216.2	<215.0	<48	231
14254	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8		Nonazeotrope	231
14255	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8		Nonazeotrope	231
A =	C₁₀H₁₆	Camphene	159.6			
14256	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	241
14257	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope	241
14258	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	241
14259	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	217
14260	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	158	62	241
14261	C ₁₀ H ₂₃ N	Diisoamylamine	188.2		Nonazeotrope	231
14262	C ₁₂ H ₂₀ O ₂	Isobornyl acetate	225.8		Nonazeotrope	255
A =	C₁₀H₁₆	Dipentene	177.7			
14263	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	241
14264	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	255
14265	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	238
14266	C ₁₀ H ₂₃ N	Diisoamylamine	188.2		Nonazeotrope	231
14267	C ₁₂ H ₂₀ O ₂	Isobornyl acetate	225.8		Nonazeotrope	255
A =	C₁₀H₁₆	<i>d</i>-Limonene	177.8			
14268	C ₁₀ H ₁₆	Terpinene	180.5		Nonazeotrope	243
14269	C ₁₀ H ₁₈ O	Borneol	213.4		Nonazeotrope	217
14270	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	209
14271	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	217
14272	C ₁₀ H ₂₀ O	Menthol	216.4		Nonazeotrope	217
14273	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	~193.5		Nonazeotrope	253
14274	C ₁₀ H ₂₂ O	Isoamyl ether	172.7		Nonazeotrope	243
A =	C₁₀H₁₆	Nopinene	163.8			
14275	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	241
14276	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	238
A =	C₁₀H₁₆	α-Phellandrene	171.5			
14277	C ₁₀ H ₁₈ O	Cineole	176.3		Nonazeotrope	243
A =	C₁₀H₁₆	α-Pinene	155.8			
14278	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	241
14279	C ₁₀ H ₁₈ O	Borneol	155.8		Nonazeotrope	217
14280	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<155.5	<89	241

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₁₀H₁₆	α-Terpinene	173.4			
14281	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		238
14282	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		255
14283	C ₁₀ H ₂₂	Decane	173.3	<171.5	<50	241
14284	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.0	50	238
A =	C₁₀H₁₆	γ-Terpinene	180.5			
14285	C ₁₀ H ₁₈ O	Cineole	176.3	Nonazeotrope		243
14286	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		226
14287	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		228
A =	C₁₀H₁₆	Terpinolene	184.6			
14288	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		255
14289	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		238
A =	C₁₀H₁₆	Thymene	179.7			
14290	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		217
14291	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		217
14292	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		254
14293	C ₁₀ H ₁₈ O	α-Terpeneol	~217.8	Nonazeotrope		217
14294	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		220
14295	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	Nonazeotrope		253
A =	C₁₀H₁₆O	Camphor	208.9			
14296	C ₁₀ H ₁₇ Cl	Bornyl chloride	~210	Nonazeotrope		243
14297	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		232
14298	C ₁₀ H ₁₈ O	Citronellal	208.0	207.5	....	232
14299	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		232
14300	C ₁₀ H ₁₈ O	Menthone	207	Nonazeotrope		243
14301	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		232
14302	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<208.8	....	246
14303	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
14304	C ₁₁ H ₂₀ O	Methyl terpenyl ether	216.2	Nonazeotrope		232
14305	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		232
A =	C₁₀H₁₆O	Carvenone	234.5			
14306	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		232
14307	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		232
A =	C₁₀H₁₆O	Citral	226			
14308	C ₁₀ H ₁₈ O	Geraniol	229	Nonazeotrope		243
14309	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₁₀H₁₆O	Fenchone	193			
14310	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.2	191	....	243
A =	C₁₀H₁₆O	Pulegone	223.8			
14311	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		232
14312	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		232
14313	C ₁₀ H ₁₈ O	α-Terpeneol	218.85	Nonazeotrope		232
14314	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		232
14315	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
14316	C ₁₁ H ₂₀ O	Terpeneol methyl ether	216.3	Nonazeotrope		243
14317	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	Nonazeotrope		232
14318	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
14319	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		232
A =	C₁₀H₁₇Cl	Bornyl Chloride	207.5			
14320	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		255
A =	C₁₀H₁₈O	Borneol	211.8			
14321	C ₁₀ H ₁₈ O	Menthone	207	Nonazeotrope		243
14322	C ₁₀ H ₁₈ O	α-Terpeneol	218.0	Nonazeotrope		255
14323	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		225
14324	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<214.0	<62	255
14325	C ₁₁ H ₂₀ O	Methyl α-terpeneol ether	216.2	214.0	55	255
14326	C ₁₁ H ₂₀ O	Methyl α-terpeneol ether	216	Nonazeotrope		243

No.	B-Component		B.P., ° C	Azeotropic Data		
	Formula	Name		B.P., ° C	Wt. % A	Ref.
A =	C₁₀H₁₈O	Borneol (<i>continued</i>)	211.8			
14327	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.2	62	225
14328	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	204.9	Nonazeotrope		255
A =	C₁₀H₁₈O	Cineole	176.35			
14329	C ₁₀ H ₁₈ O	α-Terpeneol	218.85	Nonazeotrope		255
14330	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		237
14331	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		229
14332	C ₁₀ H ₂₄ N	Diisoamylamine	188.2	Nonazeotrope		231
A =	C₁₀H₁₈O	Citronellal	208.0			
14333	C ₁₀ H ₁₈ O	α-Terpeneol	218.85	Nonazeotrope		255
14334	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		255
14335	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		255
14336	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		255
A =	C₁₀H₁₈O	Geraniol	229.6			
14337	C ₁₀ H ₁₈ O	α-Terpeneol	218.85	Nonazeotrope		255
14338	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	Nonazeotrope		255
14339	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		217
14340	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
14341	C ₁₁ H ₂₀ O	Methyl α-terpeneol ether	216.2	Nonazeotrope		255
14342	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	<229.2	>65	247
14343	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
14344	C ₁₂ H ₂₀ O ₂	Bornyl acetate	228	Nonazeotrope		208
A =	C₁₀H₁₈O	Linalool	198.6			
14345	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	<192.4	....	255
14346	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	Nonazeotrope		256
14347	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		217
A =	C₁₀H₁₈O	α-Terpeneol	217.8			
14348	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		209
14350	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		220
14351	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
14352	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<215.5	....	255
14353	C ₁₁ H ₂₀ O	Methyl terpeneol ether	216.2	Min. b.p. ?		256
14354	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		209
A =	C₁₀H₁₈O	β-Terpeneol	210.5			
14355	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		255
14356	C ₁₁ H ₂₀ O	Methyl terpeneol ether	216.2	<210	>82	255
14357	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	210.0	....	255
A =	C₁₀H₁₈O₄	Propyl Succinate	250.5			
14358	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	Nonazeotrope		226
14359	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
14360	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		255
14361	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		229
14362	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		255
14363	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		255
14364	C ₁₂ H ₁₀ O	Phenyl ether	259.0	<250.0	....	237
A =	C₁₀H₂₀O	Citronellol	224.4			
14365	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
14366	C ₁₁ H ₂₀ O	Methyl terpeneol ether	216.2	Nonazeotrope		256
14367	C ₁₁ H ₂₂ O ₂	Isoamyl carbonate	232.2	<224.2	....	255
14368	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<215.3	....	255
14369	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		255
A =	C₁₀H₂₀O	Menthol	216.3			
14370	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		255
14371	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		217
14372	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		255
14373	C ₁₁ H ₂₀ O	Terpeneol methyl ether	216.2	215.3	50	225
14374	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		255
14375	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214	~55	217
14376	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		215

No.	B-Component		B.P., ° C.	Azeotropic Data		Ref.
	Formula	Name		B.P., ° C.	Wt. % A	
A =	C₁₀H₂₀O₂	Capric Acid	268.8			
14377	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		255
14378	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		207
14379	C ₁₂ H ₁₀ O	Phenyl ether	259.0	<258.0	>12	255
14380	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	<266.0	>35	255
14381	C ₁₃ H ₁₂	Diphenylmethane	265.4	262.5	28	242
A =	C₁₀H₂₀O₂	Ethyl Caprylate	208.35			
14382	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		59
14383	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		237
14384	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₁₀H₂₀O₂	Isoamyl Isovalerate	192.7			
14385	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		237
14386	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<192	<55	237
14387	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
14388	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		237
14389	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		237
A =	C₁₀H₂₀O₂	Methyl Pelargonate	213.8			
14390	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		255
A =	C₁₀H₂₀O₄	2-(2-Butoxyethoxy) Ethyl Acetate	245.3			
14391	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	<245.0	>82	255
14392	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	<241.7	>10	255
14393	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		255
14394	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		255
A =	C₁₀H₂₂O	Decyl Alcohol	~232.9			
14395	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		217
14396	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		216
14397	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		255
14398	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.0	Nonazeotrope		255
14399	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<230.9	>36	247
14400	C ₁₂ H ₁₀	Biphenyl	254.8	Nonazeotrope		220
14401	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		217
14402	C ₁₂ H ₂₀ O ₂	Bornyl acetate	228	Nonazeotrope		208
14403	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		217
A =	C₁₀H₂₂O	Isoamyl Ether	173.2			
14404	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		231
A =	C₁₀H₂₂S	Isoamyl Sulfide	214.8			
14405	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	213.8	70	246
14406	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.0	65	255
14407	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		246
A =	C₁₁H₁₀	1-Methylnaphthalene	244.6			
14408	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		241
14409	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		228
14410	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		226
14411	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		255
14412	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	Nonazeotrope		212
14413	C ₁₁ H ₁₆ O	<i>p</i> -tert-Amylphenol	266.5	Nonazeotrope		255
14414	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		255
14415	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		226
14416	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		241
14417	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		238
14418	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		255
14419	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		215
14420	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		241
A =	C₁₁H₁₀	2-Methylnaphthalene	241.15			
14421	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		207
14422	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		255
14423	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	240.8	60	207
14424	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		255

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Ref.
A =	C₁₁H₁₀	2-Methylnaphthalene (<i>continued</i>)	241.15			
14425	C ₁₁ H ₁₂ O ₂	Isoamyl carbonate	232.2		Nonazeotrope	255
14426	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	255
A =	C₁₁H₁₂O₂	Ethyl Cinnamate	272.0			
14427	C ₁₁ H ₁₄ O ₂	1,2-Dimethyl-4-propenylbenzene	270.5		Nonazeotrope	237
14428	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	270.4	~7	221
14429	C ₁₂ H ₁₀	Acenaphthene	277.9		Nonazeotrope	226
14430	C ₁₂ H ₁₀	Biphenyl	256.1		Nonazeotrope	255
14431	C ₁₂ H ₁₀ O	Phenyl ether	259.3		Nonazeotrope	237
14432	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0		Nonazeotrope	225
14433	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5		Nonazeotrope	255
14434	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	<267.5	>21	229
14435	C ₁₂ H ₁₂	Diphenylmethane	265.6		Nonazeotrope	226
14436	C ₁₄ H ₁₄	1,2-Diphenylethane	284		Nonazeotrope	226
A =	C₁₁H₁₄O₂	1-Allyl-3,4-dimethoxybenzene	~249.8			
14437	C ₁₁ H ₁₄ O ₂	Butyl benzoate	254.7		Nonazeotrope	237
14438	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15		Nonazeotrope	237
14439	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	250.5	58	231
14440	C ₁₂ H ₁₀	Biphenyl	255.0	254.5	70	238
14441	C ₁₂ H ₁₀ O	Phenyl ether	259.0		Nonazeotrope	229
14442	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05		Nonazeotrope	237
14443	C ₁₂ H ₁₂	Diphenylmethane	265.6		Nonazeotrope	215
A =	C₁₁H₁₄O₂	Butyl Benzoate	249.8			
14444	C ₁₂ H ₁₀	Biphenyl	255.9		Nonazeotrope	226
14445	C ₁₂ H ₁₀ O	Phenyl ether	259.3		Nonazeotrope	217, 237
14446	C ₁₅ H ₁₂ BO ₂	Isoamyl borate	255		Nonazeotrope	255
A =	C₁₁H₁₄O₂	1,2-Dimethoxy-4-propenylbenzene	270.5			
14447	C ₁₁ H ₁₇ N	Isoamylaniline	256.0		Nonazeotrope	255
14448	C ₁₂ H ₁₀	Acenaphthene	277.9		Nonazeotrope	228
14449	C ₁₂ H ₁₀ O	Phenyl ether	259.3		Nonazeotrope	215
14450	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05		Nonazeotrope	215, 237
14451	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5		Nonazeotrope	255
14452	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	237
14453	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	267.95	4	221
14454	C ₁₂ H ₁₂	Diphenylmethane	265.6		Nonazeotrope	215
A =	C₁₁H₁₄O₂	Ethyl β-phenylpropionate	248.1			
14455	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	255
14456	C ₁₂ H ₁₀	Biphenyl	256.1		Nonazeotrope	255
14457	C ₁₂ H ₁₀ O	Phenyl ether	259.0		Nonazeotrope	237
A =	C₁₁H₁₆O	p-tert-Amylphenol	266.5			
14458	C ₁₂ H ₁₀	Acenaphthene	277.9		Nonazeotrope	255
14459	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5		Nonazeotrope	255
14460	C ₁₂ H ₁₀	Fluorene	295		Nonazeotrope	255
14461	C ₁₂ H ₁₂	Diphenylmethane	265.4	263.0	40	255
14462	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5		Nonazeotrope	255
A =	C₁₁H₁₆O	Methyl Thymol Ether	216.5			
14463	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	237
A =	C₁₁H₁₇N	Isoamylaniline	256.0			
14464	C ₁₂ H ₁₀	Biphenyl	256.1	<255.0	....	255
14465	C ₁₂ H ₁₀ O	Phenyl ether	259.0	<252.5	....	255
A =	C₁₁H₂₀O	Methyl α-Terpineol Ether	216.2			
14466	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	238
14467	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	237

No.	Formula	B-Component	Azeotropic Data			Ref.
		Name	B.P., ° C.	B.P., ° C.	Wt. % A	
A =	C₁₁H₂₂O₃	Isoamyl Carbonate	232.2			
14468	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	241.9		Nonazeotrope	255
14469	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	222
A =	C₁₂H₁₀	Acenaphthene	277.9			
14470	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	277.9		Nonazeotrope	255
14471	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0		Nonazeotrope	226
14472	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	222
14473	C ₁₃ H ₁₂	Diphenylmethane	265.4		Nonazeotrope	241
1 4474	C ₁₄ H ₁₂ O	Benzyl phenyl ether	286.5		Nonazeotrope	238
1 4475	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5		Nonazeotrope	241
A =	C₁₂H₁₀	Biphenyl	255.9			
14476	C ₁₂ H ₁₀ O	Phenyl ether	259.3		Nonazeotrope	222
14477	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5		Nonazeotrope	255
14478	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0		Nonazeotrope	226
14479	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5		Nonazeotrope	255
14480	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	226
14481	C ₁₃ H ₁₂	Diphenylmethane	265.4		Nonazeotrope	241
A =	C₁₂H₁₄O	Phenyl Ether	259			
14482	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5		Nonazeotrope	237
14483	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	258.9	90	237
14484	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5		Nonazeotrope	255
14485	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	221
14486	C ₁₃ H ₁₂	Diphenylmethane	265.6		Nonazeotrope	209
14487	C ₁₄ H ₁₄ O	Benzyl ether	297		Nonazeotrope	255
A =	C₁₂H₁₄O₄	Ethyl Phthalate	298.5			
14488	C ₁₃ H ₁₂	Diphenylmethane	265.4		Nonazeotrope	255
A =	C₁₂H₁₆O₂	Isoamyl Benzoate	262.0			
14489	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5		Nonazeotrope	255
14490	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0		Nonazeotrope	221
14491	C ₁₃ H ₁₂	Diphenylmethane	265.6		Nonazeotrope	215
A =	C₁₂H₁₆O₃	Isoamyl Salicylate	277.5			
14492	C ₁₂ H ₁₂	Diphenylmethane	265.4		Nonazeotrope	255
14493	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5		Nonazeotrope	255
14494	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5		Nonazeotrope	255
A =	C₁₂H₁₃	1,3,5-Triethylbenzene	215.5			
14495	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.2		Nonazeotrope	217
14496	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9		Nonazeotrope	238
A =	C₁₂H₂₂O₄	Isoamyl Oxalate	268.0			
14497	C ₁₃ H ₁₂	Diphenylmethane	265.4	265.25	14	225
14498	C ₁₄ H ₁₄	1,2-Diphenylethane	284		Nonazeotrope	226
A =	C₁₃H₁₀O₂	Phenyl Benzoate	315			
14499	C ₁₄ H ₁₂	Stilbene	306.5		Nonazeotrope	255
14500	C ₁₄ H ₁₄ O	Benzyl ether	297		Nonazeotrope	237
A =	C₁₃H₁₂O	Benzyl Phenyl Ether	286.5			
14501	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5		Nonazeotrope	238

Table II. Ternary Systems

No.	A-Component			B-Component			C-Component			Azeotropic Data			Ref.	
	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B		Wt. % C
14502	BCl ₃	Boron chloride	11.5	B ₂ H ₆	Boron hydride	-92.5	ClH	Hydrogen chloride	-80		Nonazeotrope			263
14503	BrH	Hydrobromic acid	-67	H ₂ O	Water	100	C ₆ H ₅ Cl	Chlorobenzene	131.8	105	10.4	11.0	78.6	93
	BrH	Hydrobromic acid	...	H ₂ O	Water	...	C ₆ H ₅ Cl	Chlorobenzene, 100 mm.	...	56.4	12.2	12.3	75.5	93
14504	ClH	Hydrochloric acid	-80	H ₂ O	Water	100	C ₆ H ₅ Cl	Chlorobenzene	131.8	96.9	5.3	20.2	74.5	308
	ClH	Hydrochloric acid	...	H ₂ O	Water	...	C ₆ H ₅ Cl	Chlorobenzene, 100 mm.	...	49.5	4.8	15.9	79.3	93
14505	ClH	Hydrochloric acid	-80	H ₂ O	Water	100	C ₆ H ₆ O	Phenol	182	107.33	15.8	64.8	19.4	308
14506	FH	Hydrofluoric acid	19.4	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	103	30	10	60	66
14507	FH	Hydrofluoric acid	19.4	F ₂ H ₂ Si	Fluosilicic acid	...	H ₂ O	Water	100	116.1	10	36	54	275
14508	FH	Hydrofluoric acid	19.4	SO ₂	Sulfur dioxide	-10	CCl ₂ F ₂	Dichlorodifluoromethane	...	-36	...	...	...	21
	FH	Hydrofluoric acid	...	SO ₂	Sulfur dioxide	...	CCl ₂ F ₂	Dichlorodifluoromethane, 44 lb./sq. inch gage	...	4	3.5	12	84	21
14509	HNO ₃	Nitric acid	86	H ₂ O	Water	100	SO ₃	Sulfur trioxide	47		Vapor pressure data			243
14510	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	71.75	C ₂ H ₅ N	Acetonitrile	81.6	60	...	...	...	309
14511	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75	C ₂ H ₆ O	Ethyl alcohol	78.3	62	4.5	85.5	10	243
	H ₂ O	Water	...	CCl ₄	Carbon tetrachloride	...	C ₂ H ₆ O	Ethyl alcohol	...	61.8	3.4	86.3	10.3	161
14512	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75	C ₃ H ₆ O	Acetone	57		Nonazeotrope			10
14513	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75	C ₃ H ₆ O	Allyl alcohol	96.95	65.15	5	84	11	243
	H ₂ O	Water	...	CCl ₄	Carbon tetrachloride	...	C ₃ H ₆ O	Allyl alcohol	...	65.4	4.13	90.43	5.44	149

14514	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75	C ₃ H ₈ O	Propyl alcohol	97.2	65.4	5	84	11	243
14515	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75	C ₄ H ₈ O	2-Butanone	79.6	65.7	3	74.8	22.2	10
14516	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5	64.7	3.1	85.0	11.9	10
14517	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7		Nonazeotrope			10
14518	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25	C ₂ H ₃ N	Acetonitrile	81.6	39	...	...	...	309
14519	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25	C ₂ H ₆ O	Ethyl alcohol	78.3	41.3	1.6	3.4	5.0	131
14520	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25	C ₃ H ₆ O	Acetone	56.4	38.042	0.81	75.21	23.98	389
14521	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25	C ₄ H ₈ O ₂	Dioxane	101.4		Nonazeotrope			90
14522	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2	C ₂ H ₆ O	Ethyl alcohol	78.3	72.0	7.5	>70	<22.5	243
14523	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2	C ₃ H ₈ O	Allyl alcohol	96.95	76	...	...	...	243
14524	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2	C ₃ H ₈ O	Isopropyl alcohol	82.45	~74.5	...	...	...	243
14525	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2	C ₄ H ₁₀ O	Isobutyl alcohol	108	77.5	...	...	...	243
14526	H ₂ O	Water	100	CHCl ₃	Chloroform	61	C ₂ H ₃ N	Acetonitrile	81.6		Minimum b.p.			309
14527	H ₂ O	Water	100	CHCl ₃	Chloroform	61.2	C ₂ H ₆ O	Ethyl alcohol	78.3	55.4	3.5	92.5	4	409
14528	H ₂ O	Water	100	CHCl ₃	Chloroform	61	C ₃ H ₆ O ₂	Acetone	56.4	60.4?	40	57.6	38.4	323
14529	H ₂ O	Water	100	CH ₂ Cl ₂	Dichloromethane	41.5	C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope			15
14530	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.75	C ₈ H ₁₀	<i>m</i> -Xylene	139	97.5?	10.6	40.4	49.0	323
14531	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.0	C ₃ H ₈ O	Isopropyl alcohol	82.0	78	6	32	62	353
	H ₂ O	Water	...	CH ₃ NO ₂	Nitromethane	...	C ₃ H ₈ O	Isopropyl alcohol	...		Liquid-vapor equilibrium			353
14532	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101	C ₃ H ₈ O	Propyl alcohol	97.2	82.3	17.5	55.9	26.6, V-l.	120
14533	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2	C ₅ H ₁₀ O	3-Pentanone	102.2	82.4	18?	17?	65?	243
14534	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₃ H ₅ ClO ₂	Methyl chloro- acetate	131.4	67.85	5.26	81.20	13.54	68
14535	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₃ H ₆ O ₂	Methyl acetate	57		Nonazeotrope			150
14536	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₃ H ₈ O ₂	Methylal	42.3		Nonazeotrope			131
14537	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₄ H ₁₀ O	Isobutyl alcohol	108		Nonazeotrope			176
14538	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₄ H ₁₀ O ₂	Acetaldehyde dimethylacetal	64.3		Nonazeotrope			20
14539	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₄ H ₁₀ O ₂	Ethoxymethoxy- methane	65.90		Nonazeotrope			429

A-Component				B-Component			C-Component			Azeotropic Data				
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	Ref.
14540	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₅ H ₆ O	2-Methylfuran	63.7	51.2	...	...	...	310
14541	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₆ H ₆	Benzene	80.2		Nonazeotrope			431
14542	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₆ H ₈	1,3-Cyclohexa- diene	80.8		Nonazeotrope			243
14543	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₆ H ₁₀	Biallyl	60.2		Nonazeotrope			243
14544	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope			243
14545	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14546	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			243
14547	H ₂ O	Water	100	CH ₄ O	Methanol	64.7	C ₇ H ₈	Toluene	110.7		Nonazeotrope			243
14548	H ₂ O	Water	100	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₂ H ₃ N	Acetonitrile	81.6	72	...	...	...	309
14549	H ₂ O	Water	100	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₇ O	Propyl alcohol	97.2	88	...	...	...	243
14550	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro- ethylene	86.95	C ₂ H ₃ N	Acetonitrile	81.6	67	6.4	73.1	20.5	309
	H ₂ O	Water	...	C ₂ HCl ₃	Trichloro- ethylene	...	C ₂ H ₃ N	Acetonitrile	...	Liquid-vapor equilibrium				309
14551	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro- ethylene	86.95	C ₂ H ₅ ClO	2-Chloroethanol	128		Nonazeotrope			276
	H ₂ O	Water	...	C ₂ HCl ₃	Trichloro- ethylene	...	C ₂ H ₅ ClO	2-Chloroethanol	...	70.8-71.5	...	...	...	102
14552	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro- ethylene	86.95	C ₂ H ₆ O	Ethyl alcohol, 118 mm.	...	25.1	3.4	85.1	11.5	259
	H ₂ O	Water	...	C ₂ HCl ₃	Trichloro- ethylene	...	C ₂ H ₆ O	Ethyl alcohol, 509 mm.	...	52.5	5.2	79.6	15.2	259, 323*
	H ₂ O	Water	...	C ₂ HCl ₃	Trichloro- ethylene	...	C ₂ H ₆ O	Ethyl alcohol, 760 mm.	...	67	5.5	78.4	16.1	76, 259
	H ₂ O	Water	...	C ₂ HCl ₃	Trichloro- ethylene	...	C ₂ H ₆ O	Ethyl alcohol, 2060 mm.	...	96	7.1	72.3	20.6	259
	H ₂ O	Water	...	C ₂ HCl ₃	Trichloro- ethylene	...	C ₂ H ₆ O	Ethyl alcohol, 5660 mm.	...	131	8.3	70.5	21.2	259
14553	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro- ethylene	86.95	C ₃ H ₆ O	Allyl alcohol	96.95	71.6	6.55	84.7	8.75	149, 243*
14554	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro- ethylene	86.95	C ₃ H ₈ O	Isopropyl alcohol	82.45	~70	...	...	...	243

14555	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro-ethylene	86.95	C ₃ H ₈ O	Propyl alcohol	97.2	71.55	7	81	12	243
14556	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro-ethylene	86.95	C ₄ H ₁₀ O	Isobutyl alcohol	108	72.7	...	...	...	243
14557	H ₂ O	Water	100	C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloro-ethylene	60.25	C ₂ H ₆ O	Ethyl alcohol	78.3	53.8	2.85	90.5	6.65	71
14558	H ₂ O	Water	100	C ₂ H ₂ Cl ₂	<i>trans</i> -1,2-Dichloroethylene	48.35	C ₂ H ₆ O	Ethyl alcohol	78.3	44.4	1.1	94.5	4.4	71
14559	H ₂ O	Water	100	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	146.35	C ₂ H ₃ N	Acetonitrile	81.6		Nonazeotrope			309
14560	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6	C ₃ H ₆ O	Acetone	56.4		Nonazeotrope, V-I.			309
14561	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6	C ₄ H ₈ O ₂	Ethyl acetate	77	70	...	...	...	309
14562	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6	C ₆ H ₁₀ O ₂	Propyl acetate	101.6	74	...	...	...	309
14563	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6	C ₆ H ₆	Benzene	80.2	63	8.2	23.3	68.5	309
14564	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6	C ₆ H ₁₂ O ₂	Butyl acetate	124.8		Nonazeotrope			309
14565	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6	C ₇ H ₈	Toluene	110.7	73	...	...	...	309
14566	H ₂ O	Water	100	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	C ₂ H ₅ ClO	2-Chloroethanol	128		Nonazeotrope			276
	H ₂ O	Water	...	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	...	C ₂ H ₅ ClO	2-Chloroethanol	...	69.6	...	...	...	102
14567	H ₂ O	Water	100	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	C ₂ H ₆ O	Ethyl alcohol	78.3	66.7	5	78	17	243
14568	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.5	C ₇ H ₈	Toluene	110.7		Nonazeotrope			243
14569	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₈ H ₁₀	Ethylbenzene	133		Minimum b.p.			30
14570	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₈ H ₁₀	Xylenes	140		Minimum b.p.			30
14571	H ₂ O	Water	100	C ₂ H ₅ Br	Bromoethane	38.4	C ₂ H ₆ O	Ethyl alcohol	78.3		Azeotropic ?			243
14572	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178		Minimum b.p.			276
14573	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128	C ₆ H ₆	Benzene	80.1		Nonazeotrope			276
	H ₂ O	Water	...	C ₂ H ₅ ClO	2-Chloroethanol	...	C ₆ H ₆	Benzene	...	67.0	...	...	...	102
14574	H ₂ O	Water	100	C ₂ H ₅ I	Iodoethane	72.3	C ₂ H ₆ O	Ethyl alcohol	78.3	61	~5	~86	~9	243
14575	H ₂ O	Water	100	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₂ H ₅ Br	<i>cis</i> -1-Bromopropene	57.8	54?	3	6	91	243
14576	H ₂ O	Water	100	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₂ H ₅ Br	<i>trans</i> -1-Bromopropene	63.25	54.5	4	87.5	7.5	243
14577	H ₂ O	Water	100	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₂ H ₅ Br	2-Bromopropene	48.35	43.3?	1	4	95	243
14578	H ₂ O	Water	100	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₂ H ₅ I	3-Iodopropene	102	72	...	...	...	243
14579	H ₂ O	Water	100	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₂ H ₇ Br	1-Bromopropane	71.0	60	5	12	83	243
14580	H ₂ O	Water	100	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Biacetyl	88		Nonazeotrope ?			264

No.	A-Component			B-Component			C-Component			Azeotropic Data				Ref.
	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	
14581	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	81.35	17.5	61.7	20.8	58
14584	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			10
	H ₂ O	Water	...	C ₂ H ₆ O	Ethyl alcohol	...	C ₄ H ₈ O ₂	Ethyl acetate, 25 mm.	...	-1.40	4.0	4.0	92.0	273
	H ₂ O	Water	...	C ₂ H ₆ O	Ethyl alcohol	...	C ₄ H ₈ O ₂	Ethyl acetate, 760 mm.	...	70.23	9.0	8.4	82.6	273
	H ₂ O	Water	...	C ₂ H ₆ O	Ethyl alcohol	...	C ₄ H ₈ O ₂	Ethyl acetate, 1446 mm.	...	88.96	10.3	12.1	77.6	273
14585	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.6	69.5	~8	~25	~65	243
14586	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	58.62	4.5	13	82.5	243
14587	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₁₀ O	Ethyl ether	34.5		Nonazeotrope			427
14588	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	133		Nonazeotrope			14
14589	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₁₀ O ₂	Ethoxymethoxy-methane	65.90		Nonazeotrope			429
14590	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₈ H ₁₂ O ₂	Diethoxy-methane	87.5	73.2	12.8	18.4	69.5	131
14591	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆ Cl	Chlorobenzene	131.8	75.0	...	...	13	93
14592	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.2	64.86	7.4	18.5	74.1	433
	H ₂ O	Water	...	C ₂ H ₆ O	Ethyl alcohol	...	C ₆ H ₆	Benzene	Effect of pressure, 1-19 atmospheres				181	
14593	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₈ H ₈	1,3-Cyclohexadiene	80.8	63.6	7	20	73	243
14594	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₈ H ₈	1,4-Cyclohexadiene	85.6	~65.5	...	...	...	243
14595	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₀	Biallyl	60.2	~52	...	...	...	243
14596	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₀	Cyclohexene	82.75	64.05	7	20	73	243
14597	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₀	1-Hexyne	70.2	59.9	...	...	...	157
14598	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₀	3-Hexyne	80.5	64.4	...	...	...	157
14599	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₂	Cyclohexane	80.75	62.1	...	...	...	243
14600	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₄	n-Hexane	68.95	56.60	...	...	...	431
14601	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₄ O ₂	Acetal	103.6	77.8	11.4	27.6	61.0	20
14602	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₈ H ₁₄ O ₂	Ethoxypropoxy-methane	113.7		Nonazeotrope			429

14603	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₅ N	Triethylamine	89.4	74.7	9	13	78	404
14604	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₇ H ₈	Toluene	110.7	74.55	...	...	...	243
14605	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₇ H ₁₂	1-Heptyne	99.5	71.0	...	...	...	157
14606	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₇ H ₁₄	Methylcyclohexane	101.8	~70.5	...	...	...	243
14607	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₇ H ₁₄ O ₂	Isoamyl acetate	90.8	69.0	...	...	...	157
14608	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₇ H ₁₆	Heptane	98.45	~69.5	...	...	...	243
14609	H ₂ O	Water	100	C ₂ H ₆ O ₂	Glycol	197.4	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope			90	
14610	H ₂ O	Water	100	C ₂ H ₆ O	2-Propyn-1-ol	...	C ₆ H ₆	Benzene	80.2	Vapor-liquid equilibrium			364	
14611	H ₂ O	Water	100	C ₃ H ₆ I	3-Iodopropene	102	C ₃ H ₆ O	Allyl alcohol	96.95	77.7	...	...	...	243
14612	H ₂ O	Water	100	C ₃ H ₆ I	3-Iodopropene	102	C ₃ H ₈ O	Propyl alcohol	97.2	78.15	8	72	20	243 ⁸
14613	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1	C ₃ H ₆ O	2-Methylfuran	63.7	55.6	...	...	...	310
14614	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.4	C ₅ H ₈	Isoprene	34.7	32.5	0.4	7.6	92.0	296
14615	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.25	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope, vapor pressure curve			351	
14616	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.4	C ₆ H ₁₄ O	Isopropyl ether	69	Minimum b.p.			128	
14617	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₆ H ₆	Benzene	80.2	68.21	8.58	9.16	82.26	357*, 413
14618	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₆ H ₈	1,3-Cyclohexadiene	80.8	67.5	...	...	...	243
14619	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₆ H ₁₀	Cyclohexene	82.75	67.95	8.5	11	80.5	243
14620	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₆ H ₁₀ O	Allyl ether	94.8	77.8	12.4	8.7	78.9	357
14621	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₆ H ₁₂	Cyclohexane	80.75	66.18	8	11	81	243
14622	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₆ H ₁₄	Hexane	68.95	59.7	5	5	90	243
14623	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95	C ₇ H ₈	Toluene	110.7	80.2	...	...	...	243
14624	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₆ H ₁₂	Naphthenes	...	Minimum b.p.			200	
14625	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₆ H ₁₄	Hexanes	...	Minimum b.p.			200	
14626	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₇ H ₁₄	Naphthenes	...	Minimum b.p.			200	
14627	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₇ H ₁₆	Heptanes	...	Minimum b.p.			200	
14628	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₈ H ₁₆	Naphthenes	...	Minimum b.p.			200	
14629	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₈ H ₁₈	Octanes	...	Minimum b.p.			200	
14630	H ₂ O	Water	100	C ₃ H ₆ O ₂	Trioxane	114.5	C ₉ H ₂₀	Nonanes	...	Minimum b.p.			200	
14631	H ₂ O	Water	100	C ₃ H ₇ I	1-Iodopropane	102.4	C ₃ H ₈ O	Propyl alcohol	97.2	78.25	...	...	...	243
14632	H ₂ O	Water	100	C ₃ H ₇ NO ₂	1-Nitropropane	130.5	C ₆ H ₁₀	Ethylbenzene	136	...	28.8	32.2	39	25
14633	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope			10	
14634	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	61	...	...	...	243

A-Component				B-Component			C-Component			Azeotropic Data				
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	Ref.
14635	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4	C ₈ H ₁₀ O	Allyl ethyl ether	67.6		Azeotropic			5
14636	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.7	C ₈ H ₁₂ O	Butyl methyl ether	70.3		Azeotropic			5
14637	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4	C ₈ H ₁₂ O	Ethyl isopropyl ether	54		Azeotropic			5
14638	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4	C ₈ H ₁₂ O	Ethyl propyl ether	64		Azeotropic			5
14639	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4	C ₈ H ₁₂ O	Isobutyl methyl ether	59		Azeotropic			5
14640	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₆ H ₆	Benzene	80.2	66.51	7.5	18.7	73.8	431
14641	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₆ H ₈	1,3-Cyclohexadiene	80.8	65.7	...	...	...	243
14642	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₆ H ₁₀	Cyclohexene	82.75	66.1	7.5	21.5	71	243
14643	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₆ H ₁₂	Cyclohexane	80.75	64.3	7.5	18.5	74	243
14644	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₆ H ₁₄	Hexane	68.95	58.2	...	...	...	243
14645	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₈ H ₁₄ O	Ethyl <i>tert</i> -butyl ether	68-69		Azeotropic			5
14646	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₈ H ₁₄ O	Isopropyl ether	69.0	61.6	4.7	7.3	88.0	128
14647	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₇ H ₈	Toluene	110.7	76.2	...	...	...	243
14648	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			10
14649	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.16	C ₄ H ₈ O ₂	Propyl formate	80.9	70.8	13	5	82	150
14650	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	64.2	...	...	...	243
14651	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₉ ClO ₂	Propyl chloroacetate	162.3	88.6	25.25	58.27	16.48	58
14652	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₅ H ₁₀ O	3-Pentanone	102.2	~81.2	~20	~20	~60	243
14653	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.16	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	82.2	21	19.5	59.5	150

14654	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₈ H ₁₈ O ₂	Diethoxy- methane	88.0						Nonazeotrope	429
14655	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₆	Benzene	80.2	...	...	...	...	...
									740 mm.	67	7.6	10.1	82.3			259
									2830 mm.	107	9.5	13.1	77.4			259
									4900 mm.	127	10.3	14.2	75.5			259
									5930 mm.	135	12.3	15.0	72.7			259, 431*
14656	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₈	1,3-Cyclohexa- diene	80.8	67.75	9	12	79			243
14657	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₁₀	Cyclohexene	82.75	63.2	9	11.5	79.5			243
14658	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₁₂	Cyclohexane	80.75	66.55	80.5	10	81.5			243
14659	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₁₄	Hexane	68.95	59.95	...	...	...			243
14660	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₁₄ O	Propyl ether	91	74.8	11.7	20.2	68.1			307
14661	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₁₄ O ₂	Ethoxypropoxy- methane	113.7	83.8	17.6	22.9	59.5			429
14662	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₇ H ₈	Toluene	110.7	80.05	...	...	...			243
14663	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	96.90	C ₇ H ₁₆ O ₂	Dipropoxy- methane	137.2	86.4	8	44.8	47.2			131
14664	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2	C ₈ H ₁₆ O ₂	Acetaldehyde dipropylacetal	147.7	87.6	27.4	51.6	21.0			30
14665	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy- ethanol	124	C ₈ H ₁₀	Ethylbenzene	136	90	25.4	7.4	67.2			30
14666	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy- ethanol	124	C ₈ H ₁₀	Xylenes	140						Minimum b.p.	30
14667	H ₂ O	Water	100	C ₄ H ₆ O	Crotonaldehyde	102	C ₇ H ₈	Toluene	110.7	85.3	...	...	...			385
14668	H ₂ O	Water	100	C ₄ H ₆ O	Crotonaldehyde	102	C _n H _{2n+2}	Paraffins	...	80-85	...	...	...			385
14669	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.4						Nonazeotrope	10
14670	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₆	Benzene	80.12	68.9	8.9	17.5	73.6			358
14671	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	1-Hexene	82						Minimum b.p.	31
14672	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₇ H ₁₂	2-Hexene	...						Minimum b.p.	31
14673	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	3-Hexene	...						Minimum b.p.	31
14674	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	2-Methyl-1- pentene	...						Minimum b.p.	31
14675	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	2-Methyl-2- pentene	...						Minimum b.p.	31
14676	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	3-Methyl-2- pentene	...						Minimum b.p.	31
14677	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₄	Hexane	68.95	58.5/ 742.5	4	22	74			31

A-Component				B-Component			C-Component			Azeotropic Data				
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	Ref.
14678	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₄	2-Methylpentane	...		Minimum b.p.			31
14679	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₄	3-Methylpentane	...		Minimum b.p.			31
14680	H ₂ O	Water	100	C ₄ H ₈ O	Butyraldehyde	75.7	C ₇ H ₁₆	Heptanes	...	~57	...	...	...	139
14681	H ₂ O	Water	100	C ₄ H ₈ O	Isobutyraldehyde	63	C ₇ H ₁₆	Heptanes	...	48	...	...	...	139
14682	H ₂ O	Water	100	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	62	...	...	...	243
14683	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.8	C ₆ H ₁₀ O ₂	Butyl formate	106.6	83.6	21.3	10	68.7	150
14684	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	116.9	C ₆ H ₁₀	Cyclohexene	82.75	70.22	...	...	...	243
14685	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.4	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	93.1	41.8	50.3	7.9	58
14686	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.8	C ₆ H ₁₂ O ₂	Butyl acetate	126.2	89.4	37.3	27.4	35.3	37*, 137, 150
14687	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.5	C ₆ H ₁₄ O	Butyl ether	141.9	91	29.3	42.9	27.7	307
14688	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117	C ₉ H ₂₀ O ₂	Dibutoxy-methane	181.8		Nonazeotrope			131
14689	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117	C ₁₀ H ₂₂ O ₂	Acetaldehyde dibutyl acetal	188.8		Nonazeotrope			20
14690	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₀ O	Allyl ethyl ether	67.6		Nonazeotrope			5
14691	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₂ O	Butyl methyl ether	70.3		Nonazeotrope			5
14692	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₂ O	Ethyl isopropyl ether	54		Nonazeotrope			5
14693	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₂ O	Ethyl propyl ether	64		Nonazeotrope			5
14694	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₂ O	Isobutyl methyl ether	59		Nonazeotrope			5
14695	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₆	Benzene	80.2		Azeotrope doubtful			243
14696	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₂	Cyclohexane	80.75	~67	...	...	...	243
14697	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₄	Hexane	68.95	61.1	...	...	...	243
14698	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₄ O	Ethyl <i>tert</i> -butyl ether	68-69		Nonazeotrope			5
14699	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₆ H ₁₄ O	Isopropyl ether	69		Nonazeotrope			5
14700	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₈ H ₁₄	Diisobutylene	...	80.2	...	...	...	297
14701	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6	C ₈ H ₁₈ O	Butyl ether	141	86.5	...	...	...	104

14702	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.53	C ₈ H ₁₈ O	<i>sec</i> -Butyl ether	121	83	...	...	...	104
14703	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	C ₆ H ₆	Benzene	80.2	67.30	8.1	21.4	70.5	431
14704	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	C ₆ H ₈	1,3-Cyclohexadiene	80.8	66.7	...	...	...	243
14705	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	C ₆ H ₁₀	Cyclohexene	82.75	67	...	...	...	243
14706	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	C ₆ H ₁₂	Cyclohexane	80.75	65	8	21	71	243
14707	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	C ₆ H ₁₄	Hexane	68.95	58.9	...	...	...	243
14708	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	C ₅ H ₁₀ O	3-Pentanone	102.2		Nonazeotrope			243
14709	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₅ H ₁₀ O ₂	Isobutyl formate	98.4	80.2	17.3	6.7	76	160
14710	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₆	Benzene	80.2		Nonazeotrope			431
14711	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₈	1,3-Cyclohexadiene	80.8		Nonazeotrope			243
14712	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₁₀	Cyclohexene	82.75	~69.5	...	...	...	243
14713	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	107.4	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.4	90.2	33.64	53.1	13.26	68
14714	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14715	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	86.8	30.4	23.1	46.5	137*, 160
14716	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			243
14717	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₇ H ₈	Toluene	110.7	83	...	...	...	243
14718	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₈ H ₁₀	Ethylbenzene	136.15	~89.5	...	...	...	243
14719	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₈ H ₁₈ O	Butyl ether	141.9	89	...	...	...	307
14720	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₈ H ₁₈ O	Isobutyl ether	122	85.4	...	...	...	307
14721	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	107.5	C ₉ H ₂₀ O ₂	Diisobutoxy-methane	163.8		Nonazeotrope			131
14722	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	107.8	C ₁₀ H ₂₂ O ₂	Acetaldehyde diisobutyl acetal	171.3		Nonazeotrope			20
14723	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₆ H ₈	1,3-Cyclohexadiene	80.8		Minimum b.p.			376
14724	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₆ H ₁₀	Cyclohexene	82.75		Minimum b.p.			376
14725	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₆ H ₁₂	Cyclohexane	80.75		Minimum b.p.			376
14726	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₀	Methylcyclohexadiene	...		Minimum b.p.			376
14727	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₆	1,1-Dimethylcyclopentane	87.8		Minimum b.p.			376

A-Component			B-Component			C-Component			Azeotropic Data					
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	Ref.
14728	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₄	1,2-Dimethyl- cyclopentane	...		Minimum b.p.			376
14729	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₄	1,3-Dimethyl- cyclopentane	90.8		Minimum b.p.			376
14730	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₄	Methylcyclo- hexane	101.2	80.0	...	5	...	376
14731	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₆	<i>n</i> -Heptane	98.45		Minimum b.p.			376
14732	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₇ H ₁₆	3-Methylhexane	91.8		Minimum b.p.			376
14733	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5	C ₈ H ₁₄	Diisobutylene	101		Minimum b.p.			
14734	H ₂ O	Water	100	C ₈ H ₁₇ O	Amyl alcohol	137.8	C ₈ H ₁₅ O ₂	Amyl formate	132	91.4	37.5	21.5	41	150
14735	H ₂ O	Water	100	C ₈ H ₁₇ O	Amyl alcohol	137.8	C ₇ H ₁₅ O ₂	Amyl acetate	148.8	94.8	56.2	33.3	10.5	150, 173*
14736	H ₂ O	Water	100	C ₈ H ₁₇ O	Amyl alcohol	138	C ₁₀ H ₂₂ O	Amyl ether	188	95.94	...	...	...	427
14737	H ₂ O	Water	100	C ₈ H ₁₇ O	Amyl alcohol	137.2	C ₁₁ H ₂₄ O ₂	Diamyloxy- methane	221.6		Nonazeotrope			131
14738	H ₂ O	Water	100	C ₈ H ₁₇ O	Amyl alcohol	137.5	C ₁₂ H ₂₆ O ₂	Acetaldehyde diamyl acetal	225.3		Nonazeotrope			20
14739	H ₂ O	Water	100	C ₈ H ₁₇ O	<i>tert</i> -Amyl alcohol	102	C ₆ H ₆	Benzene	80.2		Nonazeotrope			243
14740	H ₂ O	Water	100	C ₈ H ₁₇ O	<i>tert</i> -Amyl alcohol	102	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14741	H ₂ O	Water	100	C ₈ H ₁₇ O	<i>tert</i> -Amyl alcohol	102	C ₇ H ₈	Toluene	110.7	~82	...	...	...	243
14742	H ₂ O	Water	100	C ₈ H ₁₇ O	Isoamyl alcohol	131.3	C ₆ H ₆	Benzene	80.2		Nonazeotrope			431
14743	H ₂ O	Water	100	C ₈ H ₁₇ O	Isoamyl alcohol	131.5	C ₈ H ₁₇ O ₂	Isoamyl formate	124.2	89.8	32.4	19.6	48	150
14744	H ₂ O	Water	100	C ₈ H ₁₇ O	Isoamyl alcohol	131.3	C ₇ H ₁₅ ClO ₂	Isoamyl chloro- acetate	195.2	95.4	46.2	47.3	6.5	58
14745	H ₂ O	Water	100	C ₈ H ₁₇ O	Isoamyl alcohol	131.5	C ₇ H ₁₅ O ₂	Isoamyl acetate	142	93.6	44.8	31.2	24	150, 173*
14746	H ₂ O	Water	100	C ₈ H ₁₇ O	Isoamyl alcohol	132	C ₁₀ H ₂₂ O	Isoamyl ether	171	94.4	...	...	...	307
14747	H ₂ O	Water	100	C ₈ H ₁₇ O	Isoamyl alcohol	131.6	C ₁₂ H ₂₆ O ₂	Acetaldehyde di- isoamyl acetal	213.6	6	Nonazeotrope			20
14748	H ₂ O	Water	100	C ₆ H ₆ O	Phenol	182	C ₈ H ₁₀	Xylene	137	...	Minimum b.p.			47
14749	H ₂ O	Water	100	C ₈ H ₁₇ O	2-Methyl-2- penten-4-ol	...	C ₈ H ₁₄ O	2,4,6-Trimethyl- 5,6-dihydro-1,2- pyran	...	90.7	27.0	9.7	63.3	347
14750	H ₂ N	Ammonia	-33	C ₂ H ₆ O	Methyl ether	-24	C ₃ H ₉ N	Trimethylamine	3.5		Nonazeotrope			158
14751	H ₂ N	Ammonia	-33	C ₃ H ₉ N	Trimethylamine	3.5	C ₄ H ₈	1-Butene	-6		Nonazeotrope			158
14752	H ₂ N	Ammonia	-33	C ₃ H ₉ N	Trimethylamine	3.5	C ₄ H ₈	2-Methylpropene	-6		Nonazeotrope			158
14753	H ₂ N	Ammonia	-33	C ₃ H ₉ N	Trimethylamine	3.5	C ₄ H ₁₀	Butane	0		Nonazeotrope			158

14754	H ₂ N	Ammonia	-33	C ₂ H ₉ N	Trimethylamine	3.5	C ₄ H ₁₀	2-Methylpropane	-10						Nonazeotrope	158
14755	CCl ₄	Carbon tetra- chloride	76.75	CH ₄ O	Methanol	64.7	C ₆ H ₁₂	Cyclohexane	80.75						Nonazeotrope	243
14756	CCl ₄	Carbon tetra- chloride	76.75	C ₂ H ₄ Br ₂	1,2-Dibromo- ethane	131.5	C ₇ H ₈	Toluene	110.7						Nonazeotrope	243
14757	CCl ₄	Carbon tetra- chloride	76.75	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6						Nonazeotrope	243
14758	CCl ₄	Carbon tetra- chloride	76.75	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₈ O ₂	Ethyl acetate	77.05						Nonazeotrope	243
14759	CCl ₄	Carbon tetra- chloride	76.75	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.2						Azeotropic ?	243
	CCl ₄	Carbon tetra- chloride	...	C ₂ H ₆ O	Ethyl alcohol	...	C ₆ H ₆	Benzene	...						Nonazeotrope	60
14760	CCl ₄	Carbon tetra- chloride	76.75	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₈ O ₂	Methyl propionate	79.7						Nonazeotrope	243
14761	CCl ₄	Carbon tetra- chloride	76.75	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	Cyclohexane	80.75						Nonazeotrope ?	243
14762	CCl ₄	Carbon tetra- chloride	76.75	C ₄ H ₈ O ₂	Ethyl acetate	77.05	C ₆ H ₁₂	Cyclohexane	80.75						Nonazeotrope	243
14763	CS ₂	Carbon disulfide	46.25	CH ₃ I	Iodomethane	42.6	CH ₄ O	Methanol	64.7	35.95	...	...	< 12			243
14764	CS ₂	Carbon disulfide	46.25	CH ₃ I	Iodomethane	42.6	C ₂ H ₄ O ₂	Methyl formate	31.9						Nonazeotrope	243
14765	CS ₂	Carbon disulfide	46.25	CH ₃ I	Iodomethane	42.5	C ₂ H ₄ O ₂	Methylal	42.25	37.2?	...	...	...			243
14766	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7	C ₂ H ₅ Br	Bromoethane	38.4	33.92	~40	~10	~50			243
14767	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7	C ₂ H ₆ O	Acetone	56.25						Nonazeotrope	243
14768	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7	C ₂ H ₆ O ₂	Methyl acetate	57.0	37	...	...	...			243
14769	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7	C ₂ H ₇ Cl	1-Chloropropane	46.6	37?	...	...	...			243
14770	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7	C ₂ H ₅ O ₂	Methylal	42.25	35.55	55	7	38			243
14771	CS ₂	Carbon disulfide	46.25	CH ₄ O	Methanol	64.7	C ₆ H ₁₀	2-Methyl-2-butene	37.15						Nonazeotrope	243
14772	CS ₂	Carbon disulfide	46.25	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4	24.7?	18?	60?	22?			243
14773	CS ₂	Carbon disulfide	46.25	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₆ H ₁₀	2-Methyl-2- butene	37.15	~24	...	...	...			243
14774	CS ₂	Carbon disulfide	46.25	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₆ H ₁₂	Pentane	36.15	21.5?	...	...	...			243
14775	CS ₂	Carbon disulfide	46.25	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6						Nonazeotrope	243
14776	CS ₂	Carbon disulfide	46.25	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Ethyl acetate	77.05						Nonazeotrope	243
14777	CS ₂	Carbon disulfide	46.25	C ₂ H ₆ O	Acetone	56.25	C ₂ H ₆ O ₂	Methyl acetate	57.0						Nonazeotrope	243
14778	CS ₂	Carbon disulfide	46.25	C ₂ H ₆ O ₂	Ethyl formate	54.1	C ₂ H ₇ Cl	1-Chloropropane	46.6	38.2?	...	...	...			243
14779	CS ₂	Carbon disulfide	46.25	C ₂ H ₅ O	Isopropyl alcohol	82.45	C ₄ H ₈ O ₂	Ethyl acetate	77.05						Nonazeotrope	243

A-Component				B-Component			C-Component			Azeotropic Data				Ref.
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	
14780	CS ₂	Carbon disulfide	46.25	C ₃ H ₈ O ₂	Methylal	42.25	C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.2?	...	...	...	243
14781	CHCl ₃	Chloroform	61	CH ₂ Cl ₂	Dichloromethane	40	C ₃ H ₆ O	Acetone	56.4		Nonazeotrope			110
14782	CHCl ₃	Chloroform	61	CH ₄ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.4	57.5	47	23	30	110
14783	CHCl ₃	Chloroform	61	CH ₄ O	Methanol	64.7	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			243
14784	CHCl ₃	Chloroform	61	C ₂ H ₆ O	Ethanol	78.3	C ₆ H ₁₄	Hexane	68.95	~58.3	...	...	...	243
14785	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.4	C ₆ H ₆	Benzene	80.2		Nonazeotrope, V-l.			322
14786	CH ₂ Cl ₂	Dichloromethane	40	CH ₄ O	Methanol	64.7	C ₃ H ₆ O	Acetone	54.6		Nonazeotrope			110
14787	CH ₃ I	Iodomethane	42.6	CH ₄ O	Methanol	64.7	C ₃ H ₈ O ₂	Methylal	42.25	38.5	...	...	...	243
14788	CH ₃ I	Iodomethane	42.7	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₅ H ₁₂	Pentane	36.15		Nonazeotrope			243
14789	CH ₃ NO ₂	Nitromethane	101.2	C ₃ H ₈ O	Propyl alcohol	97.2	C ₅ H ₁₀ O	3-Pentanone	102.2		Azeotropic			243
14790	CH ₃ NO ₂	Nitromethane	101.2	C ₅ H ₁₀ O ₂	3-Pentanone	102.2	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	99.0?	...	...	...	243
14791	CH ₄ O	Methanol	64.7	C ₂ H ₅ Br	Bromoethane	38.4	C ₅ H ₁₀	2-Methyl-2-butene	37.15	31.4	15	55	30	243
14792	CH ₄ O	Methanol	64.7	C ₂ H ₅ Br	Bromoethane	38.4	C ₅ H ₁₂	2-Methylbutane	27.95		Nonazeotrope			243
14793	CH ₄ O	Methanol	64.7	C ₂ H ₅ I	Iodoethane	72.3	C ₃ H ₆ O	Acetone	56.25		Nonazeotrope ?			243
14794	CH ₄ O	Methanol	64.7	C ₂ H ₅ I	Iodoethane	72.3	C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			243
14795	CH ₄ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.25	C ₃ H ₆ O ₂	Methyl acetate	57.0	53.9	...	...	...	243
	CH ₄ O	Methanol	...	C ₃ H ₆ O	Acetone	...	C ₃ H ₆ O ₂	Methyl acetate	...		Nonazeotrope			127
14796	CH ₄ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.25	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	52.0	...	...	...	243
14797	CH ₄ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.4	C ₆ H ₁₂	Cyclohexane	80.75	51.1	16	43.5	40.5	117
14798	CH ₄ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.25	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			243
14799	CH ₄ O	Methanol	64.7	C ₃ H ₆ O ₂	Methyl acetate	57	C ₆ H ₁₂	Cyclohexane	80.75	50.8	17.8	48.6	33.6	117
14800	CH ₄ O	Methanol	64.7	C ₃ H ₈ O ₂	Methylal	42.25	C ₅ H ₁₀	2-Methyl-2-butene	37.15		Nonazeotrope			243
14801	CH ₄ O	Methanol	64.7	C ₄ H ₈ O ₂	Ethyl acetate	77.05	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14802	CH ₄ O	Methanol	64.7	C ₆ H ₆	Benzene	80.2	C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope			243
14803	CH ₄ O	Methanol	64.7	C ₆ H ₆	Benzene	80.2	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14804	CH ₄ O	Methanol	64.7	C ₄ H ₆	1,3-Cyclohexadiene	80.8	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14805	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₂ H ₄ O ₂	Acetic acid	118.5	C ₂ H ₅ ClO	Epichlorohydrin	116.45		Nonazeotrope			243
14806	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₃ H ₈ O	Propyl alcohol	97.2		Nonazeotrope			243

14807	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₄ H ₉ I	1-Iodo-2-methylpropane	120							Azeotrope ?	243
14808	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₄ H ₁₀ O	Isobutyl alcohol	108.0							Nonazeotrope	243
14809	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₈ H ₁₇ O	Isoamyl alcohol	131.8							Nonazeotrope	243
14810	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₈ H ₁₇ O ₂	Ethyl butyrate	119.9							Nonazeotrope	243
14811	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₆ H ₁₀ O ₃	Ethyl carbonate	126.0	C ₈ H ₁₇ O	Isoamyl alcohol	131.8	< 116.0?	...	...	...				243
14812	C ₂ Cl ₄	Tetrachloroethylene	120.8	C ₆ H ₁₁ O ₂	Isoamyl formate	123.6	C ₆ H ₁₁ O ₂	Paraldehyde	124	~117.6	45	25	30				243
14813	C ₂ H ₃ ClO ₂	Chloroacetic acid	186.5	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8							Nonazeotrope	243
14814	C ₂ H ₃ ClO ₂	Chloroacetic acid	186.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8							Nonazeotrope	243
14815	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₂ H ₄ O ₂	Acetic acid	118.5	C ₆ H ₆ Cl	Chlorobenzene	131.8							Nonazeotrope	243
14816	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₃ H ₆ O ₂	Propionic acid	140.7	C ₆ H ₆ Cl	Chlorobenzene	131.8	127.5	...	...	...				243
14817	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₈ H ₁₇ O	Isoamyl alcohol	131.8	C ₆ H ₆ Cl	Chlorobenzene	131.8							Nonazeotrope	243
14818	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₈ H ₁₇ O	Isoamyl alcohol	131.8	C ₈ H ₁₀	Ethylbenzene	136.15							Nonazeotrope	243
14819	C ₂ H ₄ O ₂	Acetic acid	118.5	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₇ H ₈	Toluene	110.7							Nonazeotrope	243
14820	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4	C ₈ H ₈	Isoprene	34.1	< 23	...	...	...				243
14821	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4	C ₈ H ₁₆	2-Methyl-2-butene	37.15	24.1	...	...	...				243
14822	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4	C ₄ H ₁₂	2-Methylbutane	27.95	16.95	~52	~5	~43				432
14823	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4	C ₅ H ₁₂	Pentane	36.15	21.7?	...	...	...				243
14824	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₆ S	Ethanethiol	24.3	C ₈ H ₁₆	2-Methyl-2-butene	37.15	24?	...	...	...				243
14825	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₄ H ₁₀ O	Ethyl ether	34.6	C ₈ H ₁₆	2-Methyl-2-butene	37.15	24	...	...	...				243
14826	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₄ H ₁₀ O	Ethyl ether	34.6	C ₅ H ₁₂	Pentane	36.15	20.4	40	8	52				243
14827	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₅ H ₁₀	Cyclopentane	49.3	C ₆ H ₁₄	2,2-Dimethylbutane	49.7							Nonazeotrope	316
14828	C ₂ H ₅ I	Iodoethane	72.3	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Ethyl acetate	77.05							Nonazeotrope	243
14829	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₈ O ₂	Ethyl acetate	77.0							Nonazeotrope	10
14830	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₈ O ₂	Methyl propionate	79.7							Nonazeotrope	243
14831	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₆	Benzene	80.2							Nonazeotrope	243

A-Component				B-Component			C-Component			Azeotropic Data				
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	Ref.
14832	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14833	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Ethyl acetate	77.05	C ₆ H ₁₂	Cyclohexane	80.75	64.3?	...	...	...	243
14834	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₉ Cl	1-Chloro-2-methylpropane	68.95	C ₆ H ₁₄	Hexane	68.95		Azeotropic ?			243
14835	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₃ H ₁₄ OSi	Ethoxytri-methylsilane	75-76	C ₆ H ₆	Benzene	80.2		Minimum b.p.			86
14836	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.2	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			243
14837	C ₂ H ₆ O ₂	Glycol	197.4	C ₆ H ₇ N	Aniline	184.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	162.45	...	...	...	243
14838	C ₂ H ₅ ClO	Epichlorohydrin	116.45	C ₃ H ₇ O	Propyl alcohol	97.2	C ₇ H ₈	Toluene	110.7		Nonazeotrope			243
14839	C ₂ H ₅ ClO	Epichlorohydrin	116.45	C ₄ H ₉ I	1-Iodo-2-methylpropane	120	C ₈ H ₁₅ O ₂	Ethyl butyrate	119.9		Nonazeotrope			243
14840	C ₂ H ₅ ClO	Epichlorohydrin	116.45	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	C ₇ H ₈	Toluene	110.7		Nonazeotrope			243
14841	C ₂ H ₅ I	3-Iodopropene	102	C ₃ H ₇ O	Propyl alcohol	97.2	C ₅ H ₁₀ O	3-Pentanone	102.2		Nonazeotrope			243
14842	C ₂ H ₅ I	3-Iodopropene	102	C ₅ H ₁₀ O	3-Pentanone	102.2	C ₅ H ₁₀ O ₂	Propyl acetate	101.55		Azeotropic ?			243
14843	C ₂ H ₅ I	3-Iodopropene	102	C ₅ H ₁₀ O	3-Pentanone	102.2	C ₇ H ₁₀	Methylcyclohexane	101.8		Azeotropic ?			243
14844	C ₂ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14845	C ₂ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₆ H ₁₁ O ₃	Propyl lactate	171.7	C ₇ H ₇ Cl	α -Chlorotoluene	179.35		Nonazeotrope			243
14846	C ₂ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₆ H ₁₁ O ₃	Propyl lactate	171.7	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	165.5?	...	...	...	243
14847	C ₂ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₇ H ₇ C	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	165.5?	...	...	...	243
14848	C ₂ H ₆ Cl ₂ O	2,3-Dichloro-1-propanol	183	C ₈ H ₁₇ O	<i>sec</i> -Octyl alcohol	178.7	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14849	C ₃ H ₆ O	Acetone	56.25	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			243
14850	C ₃ H ₆ O	Acetone	56.4	C ₇ H ₈	Toluene	110.4	C ₇ H ₁₀	Methylcyclohexane	100.8		Liquid-vapor equilibrium			44
14851	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₄ H ₈ O ₂	Ethyl acetate	77.05	C ₆ H ₁₂	Cyclohexane	80.75	~68.3	...	...	...	243
14852	C ₃ H ₈ O	Propyl alcohol	97.2	C ₅ H ₁₀ O	3-Pentanone	102.2	C ₅ H ₁₀ O ₂	Propyl acetate	101.55		Nonazeotrope			243
14853	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₆	Benzene	80.2	C ₆ H ₁₂	Cyclohexane	80.75	< 74?	...	...	...	243

14854	C ₃ H ₆ O ₂	Methylal	42.25	C ₆ H ₁₀	2-Methyl-2-butene	37.15	C ₆ H ₁₂	Pentane	36.15			Nonazeotrope	243
14855	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₆ H ₄ O ₂	2-Furaldehyde	161.5	C ₁₀ H ₁₆	α -Pinene	155.8			Nonazeotrope	243
14856	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₂ O	Cyclohexanol	160.65			Nonazeotrope	243
14857	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₆ H ₅ Br	Bromobenzene	156.1	C ₁₀ H ₁₆	α -Pinene	155.8			Nonazeotrope	243
14858	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₉ H ₁₂	Mesitylene	164	< 154.5	...	...	243
14859	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8			Reacts	243
14860	C ₄ H ₆ O ₄	Methyl oxalate	163.3	C ₉ H ₁₂	Mesitylene	164.0	C ₁₀ H ₁₆	Nopinene	163.8			Nonazeotrope	243
14861	C ₆ H ₇ BrO ₂	Ethyl bromoacetate	158.2	C ₆ H ₅ Br	Bromobenzene	156.1	C ₁₀ H ₁₆	α -Pinene	155.8	< 152.3?	...	...	243
14862	C ₆ H ₇ BrO ₂	Ethyl bromoacetate	158.2	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₁₀ H ₁₆	α -Pinene	155.8			Nonazeotrope	243
14863	C ₆ H ₇ BrO ₂	Ethyl bromoacetate	158.2	C ₇ H ₈ O	Anisole	153.85	C ₁₀ H ₁₆	α -Pinene	155.8	< 150.4	...	...	243
14864	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	C ₄ H ₉ O ₂	Methyl lactate	144.8	C ₈ H ₁₀	<i>m</i> -Xylene	139.0			Nonazeotrope	243
14865	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	C ₇ H ₁₄ O ₂	Propyl butyrate	143	C ₈ H ₁₀	<i>m</i> -Xylene	139.0			Nonazeotrope	243
14866	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₆ O ₂	Propyl formate	80.8	C ₆ H ₆	Benzene	80.2			Nonazeotrope	243
14867	C ₄ H ₈ O	2-Butanone	79.6	C ₇ H ₈	Toluene	110.7	C ₇ H ₁₆	<i>n</i> -Heptane	98.45			Nonazeotrope, V-l.	379
14868	C ₄ H ₈ O ₂	Ethyl acetate	77.1	C ₄ H ₁₀ O	Butyl alcohol	117.7	C ₇ H ₈	Toluene	110.7			Nonazeotrope	261
14869	C ₄ H ₈ O ₂	Isobutyric acid	154.35	C ₆ H ₅ Br	Bromobenzene	156.1	C ₁₀ H ₁₆	α -Pinene	155.8	146.4	...	...	243
14870	C ₄ H ₈ O ₂	Isobutyric acid	154.35	C ₇ H ₈ O	Anisole	153.85	C ₁₀ H ₁₆	α -Pinene	155.8	143.9	...	...	243
14871	C ₄ H ₁₀ O	Ethyl ether	34.6	C ₆ H ₁₀	2-Methyl-2-butene	37.15	C ₆ H ₁₂	Pentane	36.15			Nonazeotrope	243
14872	C ₅ H ₅ N	Pyridine	115.3	C ₆ H ₁₁ N	Piperidine	105.8	C ₈ H ₁₄	Diisobutylene	102.5	98.6	...	...	96
14873	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₆ O	Benzaldehyde	179.2	C ₇ H ₇ Cl	α -Chlorotoluene	179.35			Nonazeotrope	243
14874	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₆ O	Benzaldehyde	179.2	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.7	...	...	243
14875	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₄	Cymene	175.3	167.8?	...	...	243
14876	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.7?	...	...	243
14877	C ₆ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₅ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆ O	Cineole	176.5			Azeotropic ?	243
14878	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₆ O	Phenol	181.5	C ₁₀ H ₁₆	α -Pinene	155.8	152.6?	...	...	243
14879	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₁₀ H ₁₆	Camphene	~158	> 153.4?	...	...	243
14880	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₁₀ H ₁₆	α -Pinene	155.8			Azeotropic ?	243
14881	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₁ ClO ₂	Chloroacetal	156.8	C ₁₀ H ₁₆	α -Pinene	155.8			Nonazeotrope	243
14882	C ₆ H ₅ ClO	α -Chlorophenol	175.5	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8			Nonazeotrope	243
14883	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	C ₇ H ₈ O	Benzyl alcohol	205.5	C ₁₁ H ₂₄ O ₂	Diisoamyloxy-methane	207.5	197?	...	...	243

A-Component				B-Component			C-Component			Azeotropic Data				Ref.
No.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	Formula	Name	B.P., ° C.	B.P., ° C.	Wt. % A	Wt. % B	Wt. % C	
14884	C ₆ H ₆ O	Phenol	181.5	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14885	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	178.6	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75		Reacts			243
14886	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185		Reacts			243
14887	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Reacts			243
14888	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185	C ₁₀ H ₁₆	Terpinene	180.5		Reacts			243
14889	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7		Nonazeotrope			243
14890	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14891	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₈ O	Benzyl alcohol	205.5	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14892	C ₆ H ₇ N	Aniline	184.35	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14893	C ₆ H ₁₀ O	Cyclohexanone	156.7	C ₇ H ₈ O	Anisole	153.85	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope ?			243
14894	C ₆ H ₁₀ O ₂	Ethyl aceto- acetate	180.7	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14895	C ₆ H ₁₀ O ₂	Ethyl aceto- acetate	180.7	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.8?	...	...	...	243
14896	C ₆ H ₁₀ O ₂	Ethyl aceto- acetate	180.7	C ₉ H ₁₂	Mesitylene	164.0	C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope			243
14897	C ₆ H ₁₀ O ₄	Ethyl oxalate	185	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14898	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₇ H ₈ O	Anisole	153.85	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope			243
14899	C ₆ H ₁₂ O ₂	Propyl lactate	171.7	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14900	C ₆ H ₁₂ O ₂	Propyl lactate	171.7	C ₈ H ₁₀ O	Phenetole	171.5	C ₁₀ H ₁₆	Menthene	170.8	163.0	31	33	36	243
14901	C ₇ H ₆ O	Benzaldehyde	179.2	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			243
14902	C ₇ H ₆ O	Benzaldehyde	179.2	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₁₀ H ₁₆	Terpinene	180.5		Nonazeotrope			243
14903	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172.5	...	...	...	243
14904	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	C ₁₀ H ₁₆	Terpinene	180.5		Azeotrope doubtful			243
14905	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Azeotropic ?			243
14906	C ₇ H ₈	Toluene	110.4	C ₇ H ₁₆	Methylcyclo- hexane	100.8	C ₇ H ₁₆	<i>n</i> -Heptane	98.4		Liquid-vapor equilibrium			43
14907	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Reacts			243
14908	C ₇ H ₁₄ O ₂	Isobutyl lactate	182.15	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	C ₁₀ H ₁₆	Terpinene	180.5		Nonazeotrope			243

TABLE III. FORMULA INDEX

The following index lists all compounds appearing in the azeotropic tables, together with the numbers of the systems in which each compound appears.

Formula	Name and System Nos.
A	Argon. B.p., -186 1
AgCl	Silver chloride. B.p., 1550 2
BCl ₃	Boron chloride. B.p., 11.5 3, 14502
BF ₃	Boron fluoride. B.p., -100 4-33
B ₂ H ₆	Boron hydride. B.p., -92.5 3, 4, 31-33, 14502
BrH	Hydrobromic acid. B.p., -73 31, 34-36, 14503, 14504
Br ₂	Bromine. B.p., 58.75 37, 38
Br ₄ Sn	Tin bromide. B.p., 206.7 39-41
C	Graphite. B.p., 2300/0.01 mm. 42
CCl ₂ O	Phosgene. B.p., 8.2 43, 44
CF ₂ O	Carbonyl fluoride. 45
CF ₃ O	Trifluoromethyl hypofluorite. B.p., -94.2 45
CO ₂	Carbon dioxide. B.p., -79.1 46-54
ClH	Hydrochloric acid. B.p., -80 32, 46, 55-59, 14502, 14504, 14505
ClHO ₄	Perchloric acid. B.p., 110 60
Cl ₂	Chlorine. B.p., -37.6 47, 61, 62
Cl ₂ Cu	Cupric chloride. 63, 64
Cl ₂ O ₂ S	Thionyl chloride. B.p., 70.5 65
Cl ₂ Pb	Lead chloride. B.p., 954 2, 63, 66
Cl ₂ Zn	Zinc chloride. B.p., 732 64
Cl ₄ OP	Phosphorus oxychloride. B.p., 107.2 65
Cl ₃ Sb	Antimony trichloride. 67, 68
Cl ₄ Si	Silicon chloride. B.p., 56.7 69-80
Cl ₄ Sn	Tin chloride. B.p., 113.85 81-93
Cl ₄ Ti	Titanium chloride. B.p., 136 69, 81, 94
Cu	Copper. B.p., 2310 95, 96
FH	Hydrofluoric acid. B.p., 19.54 43, 97-102, 14506-14508
F ₃ Sb	Antimony fluoride. B.p., 319 103
F ₅ Sb	Antimony pentafluoride. B.p., 155 103
F ₆ H ₂ Si	Fluosilicic acid. 14507
HI	Hydriodic acid. B.p., -34 104, 105

Formula	Name and System Nos.
HNO ₃	Nitric acid. B.p., 86 106, 14509
H ₂ O	Water. B.p., 100 5, 34, 48, 55, 60, 61, 97, 104, 106-481, 14503-14507, 14509-14749
H ₂ O ₂	Hydrogen peroxide. B.p., 152.1 108
H ₂ S	Hydrogen sulfide. 35, 105, 109
H ₂ N	Ammonia. B.p., -33 6, 110, 482-497, 14750-14754
H ₂ N ₂	Hydrazine. B.p., 113.5 111
I ₂	Iodine. B.p., 185.3 37
I ₄ Sn	Tin iodide. B.p., 346 39
MnS	Manganese sulfide. 42
NO	Nitric oxide. B.p., -153.6 398
NO ₂	Nitrogen peroxide. B.p., 26 398
N ₂	Nitrogen. B.p., -195 1, 499, 500
N ₂ O	Nitrous oxide. B.p., 15 501
O ₂	Oxygen. B.p., -183 499
O ₂ S	Sulfur dioxide. B.p., -10 36, 49, 56, 62, 112, 502-520, 14508, 14509
O ₃ S	Sulfur trioxide. B.p., 47 113, 14509
O ₁₀ P ₄	Phosphorus pentoxide. 114
Pb	Lead. B.p., 1525 95
Sn	Tin. B.p., 2275 96, 521
CClN	Cyanogen chloride. B.p., 12.5 522
CCl ₂ F ₂	Dichlorodifluoromethane. 98, 523, 14508
CCl ₃ NO ₂	Trichloronitromethane. B.p., 111.9 524-586
CCl ₄	Carbon tetrachloride. B.p., 76.75 38, 70, 94, 115, 587-662, 14510-14516, 14755-14762
CS ₂	Carbon disulfide. B.p., 46.2 50, 116, 587, 663-774, 14517-14521, 14763-14780
CHBrCl ₂	Bromodichloromethane. B.p., 90.1 524, 775-834, 14522-14525
CHBr ₃	Bromoform. B.p., 149.5 835-917
CHClF ₂	Chlorodifluoromethane. 99, 918
CHCl ₃	Chloroform. B.p., 61 71, 117, 588, 663, 919-988, 14526-14528, 14781-147
CHN	Hydrocyanic acid. B.p., 26 107, 522, 989-991
CH ₂ Br ₂	Dibromomethane. B.p., 97.0 525, 992-1022
CH ₂ ClNO ₂	Chloronitromethane. B.p., 122.5 1023-1029
CH ₂ Cl ₂	Dichloromethane. B.p., 41.5 118, 664, 919, 1030-1059, 14781, 14786
CH ₂ I ₂	Diiodomethane. B.p., 181 1060-1086
CH ₂ O	Formaldehyde. B.p., -21 119

Formula	Name and System Nos.
CH ₂ O ₂	Formic acid. B.p., 100.75 7, 120, 526, 589, 665, 775, 835, 920, 1087-1193, 14530
CH ₃ Br	Bromomethane. B.p., 3.65 1194-1201
CH ₃ Cl	Chloromethane. B.p., -23.7 51, 1202, 1203
CH ₃ I	Iodomethane. B.p., 42.55 666, 921, 1030, 1087, 1204-1227, 14763-14765, 14787, 14788
CH ₃ NO ₂	Methyl nitrite. B.p., -16 1228-1232
CH ₃ NO ₂	Nitromethane. B.p., 101 72, 121, 527, 590, 667, 776, 922, 1088, 1233-1341, 14531-14533, 14789, 14790
CH ₃ NO ₂	Methyl nitrate. B.p., 64.8 122, 591, 668, 777, 1031, 1204, 1342-1371
CH ₄	Methane. B.p., -164 500
CH ₄ O	Methanol. B.p., 64.7 8, 123, 528, 592, 669, 778, 923, 989, 992, 993, 1032, 1194, 1205, 1233, 1342, 1372-1550, 14517, 14534-14547, 14755, 14763, 14766-14771, 14782, 14783, 14786, 14787, 14791-14844
CH ₄ S	Methanethiol. B.p., 6.8 502, 1555-1559
CH ₅ N	Methylamine. B.p., -6 124, 582, 1560-1574
C ₂ Br ₂ Cl ₂	1,2-Dibromo-1,2-dichloroethylene. B.p., 172 1575, 1576
C ₂ Cl ₃ N	Trichloroacetoneitrile. 1577
C ₂ Cl ₄	Tetrachloroethylene. B.p., 121.1 529, 593, 1023, 1089, 1234, 1372, 1578-1652, 14548, 14549, 14805-14812
C ₂ Cl ₆	Hexachloroethane. B.p., 184.8 670, 1653-1694
C ₂ HBrCl ₂	<i>cis</i> -1-Bromo-1,2-dichloroethylene. B.p., 113.8 1695
C ₂ HBrCl ₂	<i>trans</i> -1-Bromo-1,2-dichloroethylene. 1696
C ₂ HBrCl ₂	1-Bromo-2,2-dichloroethylene. B.p., 107 1697
C ₂ HBr ₂ Cl	1,2-Dibromo-1-chloroethylene. B.p., 140 1698, 1699
C ₂ HBr ₂ O	Bromal. B.p., 174 1700
C ₂ HClF ₄	Chlorotetrafluoroethane. B.p., -10 1701
C ₂ HCl ₃	Trichloroethylene. B.p., 86.2 125, 779, 780, 1090, 1235, 1236, 1373, 1702-1756, 14550-14556
C ₂ HCl ₃ O	Chloral. B.p., 97.75 126, 781, 1237, 1578, 1757-1791
C ₂ HCl ₃ O ₂	Trichloroacetic acid. B.p., 196 1653, 1792-1816
C ₂ HCl ₅	Pentachloroethane. B.p., 162.0 127, 1091, 1792, 1817-1912
C ₂ H ₂	Acetylene. B.p., -84 1913, 1914
C ₂ H ₂ BrCl	<i>cis</i> -1-Bromo-2-chloroethylene. B.p., 106.7 1374, 1915-1918
C ₂ H ₂ BrCl	<i>trans</i> -1-Bromo-2-chloroethylene. B.p., 75.3 1920
C ₂ H ₂ BrI	<i>cis</i> -1-Bromo-2-iodoethylene. B.p., 149.05 1921-1924
C ₂ H ₂ Br ₂	<i>cis</i> -1,2-Dibromoethylene. B.p., 112.5 1375, 1925
C ₂ H ₂ Br ₂	<i>trans</i> -1,2-Dibromoethylene. B.p., 108 1376, 1926
C ₂ H ₂ ClI	<i>cis</i> -1-Chloro-2-iodoethylene. B.p., 116 1927
C ₂ H ₂ ClI	<i>trans</i> -1-Chloro-2-iodoethylene. B.p., 113 1929
C ₂ H ₂ Cl ₂	1,1-Dichloroethylene. B.p., 31 1378

Formula	Name and System Nos.
$C_2H_2Cl_2$	<i>cis</i> -1,2-Dichloroethylene. B.p., 60.2 128, 1379, 1930, 1931, 14557
$C_2H_2Cl_2$	<i>trans</i> -1,2-Dichloroethylene. B.p., 48.35 129, 1932, 14558
$C_2H_2Cl_2O_2$	Dichloroacetic acid. B.p., 190 1933-1940
$C_2H_2Cl_4$	1,1,2,2-Tetrachloroethane. B.p., 146.2 836, 1092, 1941-2018, 14559
C_2H_2Br	Bromoethylene. B.p., 15.8 671, 1093, 1380, 2019-2027
$C_2H_2BrO_2$	Bromoacetic acid. B.p., 205.1 837, 1817, 2028-2052
C_2H_2Cl	Chloroethylene. B.p., -13.6 2053, 2054
$C_2H_2ClO_2$	Chloroacetic acid. B.p., 189.35 838, 1654, 1793, 1818, 1941, 1942, 2055-2141, 14813, 14814
$C_2H_2Cl_3$	1,1,1-Trichloroethane. 1381
$C_2H_2Cl_3$	1,1,2-Trichloroethane. B.p., 113.65 1382, 1579, 2142-2155
$C_2H_2Cl_3O$	Methyl trichloromethyl ether. B.p., 131.2 2156-2161
$C_2H_2Cl_3O_2$	Chloral hydrate. B.p., 97.5 594, 924, 2162-2165
C_2H_2N	Acetonitrile. B.p., 81.6 9, 73, 130, 595, 1033, 1384, 1577, 1702, 2166-2210, 14510, 14518, 14526, 14548, 14550, 14559-14565
C_2H_2NS	Methyl thiocyanate. B.p., 132.5 2212
C_2H_4	Ethylene. B.p., -103.9 503, 1913, 2213
C_2H_4BrCl	1-Bromo-2-chloroethane. B.p., 106.7 1385, 2214-2225
$C_2H_4Br_2$	1,1-Dibromoethane. B.p., 109.5 1386, 2226-2250
$C_2H_4Br_2$	1,2-Dibromoethane. B.p., 131.5 596, 839, 1094, 1388, 2055, 2251-2327, 14756, 14815-14818
$C_2H_4Cl_2$	1,1-Dichloroethane. B.p., 57.4 74, 597, 672, 925, 1095, 1389, 2328-2365
$C_2H_4Cl_2$	1,2-Dichloroethane. B.p., 83.45 44, 75, 131, 598, 926, 1096, 1343, 1390, 1703, 1704, 1757, 2251, 2328, 2366-2413, 14566, 14567
$C_2H_4Cl_2O$	Bis(chloromethyl) ether. B.p., 106 132, 673, 927, 2414-2423
$C_2H_4Cl_2O$	2,2-Dichloroethanol. B.p., 146.2 840, 1580, 1943, 2424-2448
$C_2H_4F_2$	1,1-Difluoroethane. 523
C_2H_4O	Acetaldehyde. B.p., 20.2 133, 1034, 1195, 1391, 2449-2463
C_2H_4O	Ethylene oxide. B.p., 10 134, 1392, 2366, 2449, 2464-2479
C_2H_4OS	Thioacetic acid. B.p., 89.5 2480-2482
$C_2H_4O_2$	Acetic acid. B.p., 118.1 10, 135, 530, 599, 674, 782, 841, 928, 994, 1060, 1097, 1238, 1581, 1705, 1819, 1921, 1944, 2142, 2214, 2226, 2252, 2367, 2483-2622, 14568-14570, 14805, 14815, 14819
$C_2H_4O_2$	Methyl formate. B.p., 31.9 11, 136, 675, 929, 990, 1035, 1196, 1206, 1393, 1555, 1794, 1933, 2019, 2056, 2450, 2464, 2623-2667, 14764, 14772-14774, 14788, 14820-14827
C_2H_4S	Ethylene sulfide. B.p., 55.7 1239, 1394, 2623, 2668-2677
C_2H_6Br	Bromoethane. B.p., 38.4 137, 600, 676, 930, 1036, 1098, 1344, 1395, 2451, 2624, 2668, 2678-2713, 14571, 14766, 14791, 14792, 14820, 14821, 14822, 14823
C_2H_6BrO	2-Bromoethanol. B.p., 150.2 783, 1582, 1706, 1945, 2253, 2714-2744
C_2H_6BrO	Bromomethyl methyl ether. B.p., 87.5 2745, 2746

Formula	Name and System Nos.
C_2H_5Cl	Chloroethane. B.p., 12.4 52, 677, 931, 1099, 1396, 1556, 2020, 2452, 2625, 2747-2754
C_2H_5ClO	2-Chloroethanol. B.p., 127 12, 138, 531, 784, 842, 995, 1240, 1583, 1707, 1708, 1820, 1946, 2227, 2254, 2368, 2755-2868, 14551, 14566, 14572, 14573
C_2H_5ClO	Chloromethyl methyl ether. B.p., 59.5 601, 678, 1037, 1100, 1397, 2329, 2626, 2669, 2678, 2869-2897
C_2H_5I	Iodoethane. B.p., 70 139, 602, 679, 932, 1101, 1241, 1345, 1398, 2166, 2483, 2679, 2898-2927, 14574, 14793, 14794, 14828
C_2H_5IO	2-Iodoethanol. B.p., 176.5 140, 1947, 2928-2941
C_2H_5NO	Acetamide. B.p., 221.2 141, 843, 844, 1399, 1584, 1655, 1821, 1948, 2143, 2228, 2255, 2484, 2755, 2942-3225
$C_2H_5NO_2$	Ethyl nitrite. B.p., 17.4 680, 991, 1197, 1557, 2021, 2627, 2680, 2747, 3226-3239
$C_2H_5NO_2$	Nitroethane. B.p., 114.2 681, 785, 1102, 1400, 1758, 2485, 2756, 3240-3272
$C_2H_5NO_3$	Ethyl nitrate. B.p., 87.68 142, 603, 682, 786, 996, 1242, 1401, 1709, 2369, 2486, 3240, 3273-3316
C_2H_6	Ethane. B.p., -88 33, 53, 57, 501, 504, 1402, 1914, 2213, 3317-3321
$C_2H_6Cl_2Si$	Dichlorodimethylsilane. 3322, 3323
C_2H_6O	Ethyl alcohol. 13, 143, 532, 604, 683, 787, 933, 997, 1038, 1207, 1243, 1346, 1403, 1575, 1585, 1695-1698, 1710, 1759, 1915, 1920, 1925, 1926, 1930, 1932, 2022, 2144, 2167, 2215, 2229, 2256, 2330, 2370, 2453, 2628, 2681, 2748, 2869, 2898, 3241, 3273, 3317, 3324-3512, 14506, 14511, 14519, 14522, 14527, 14529, 14552, 14557, 14558, 14567, 14571, 14574-14608, 14757-14759, 14775, 14776, 14784, 14828-14836
C_2H_6O	Methyl ether. B.p., -23.65 14, 54, 58, 483, 505, 1202, 1711, 3513, 14750
$C_2H_6O_2$	Glycol. B.p., 197.4 144, 788, 845, 1061, 1244, 1586, 1656, 1822, 1949, 2145, 2216, 2230, 2257, 2757, 2942, 3514-3795, 14609, 14837
C_2H_6S	Ethanethiol. B.p., 36.2 1039, 1245, 1404, 2629, 2682, 2870, 3796-3809, 14824
C_2H_6S	Methyl sulfide. B.p., 37.4 684, 1103, 1246, 1405, 2487, 2630, 2683, 2871, 3226, 3324, 3796, 3810-3827
$C_2H_6SO_4$	Methyl sulfate. B.p., 189.1 145, 1657, 1823, 2057, 3828-3848
C_2H_7N	Dimethylamine. B.p., 7.3 146, 484, 1560, 3849-3851
C_2H_7N	Ethylamine. B.p., 16.55 147, 3852-3858
C_2H_7NO	2-Aminoethanol. B.p., 170.8 846, 1062, 1247, 2943, 3514, 3859-3934
$C_2H_8N_2$	Ethylenediamine. B.p., 116 148, 3936-3940
$C_2H_8Cl_3O_2$	Methyl trichloroacetate. B.p., 152.8 3942-3948
C_3H_3N	Acrylonitrile. B.p., 79 76, 149, 605, 1405, 3949-3951
C_3H_4	Propyne. B.p., -23 485, 3952
$C_3H_4Br_2$	<i>cis</i> -1,2-Dibromopropene. B.p., 135.2 3953
$C_3H_4Br_2$	<i>trans</i> -1,2-Dibromopropene. B.p., 125.95 3954
$C_3H_4Cl_2$	1,2-Dichloro-1-propene. B.p., 76.8 1407
$C_3H_4Cl_4$	1,1,2,2-Tetrachloropropane. B.p., 153 3956-3959
$C_3H_4Cl_4$	1,1,2,2-Tetrachloropropane. B.p., 180 3960, 3961
C_3H_4O	Acrolein. B.p., 52.45 685, 1408, 3962-3965
C_3H_4O	2-Propyn-1-ol. 150, 3966, 14610

Formula	Name and System Nos.
$C_3H_4O_2$	Acrylic acid. B.p., 140.5 3967, 3968
$C_3H_4O_3$	Pyruvic acid (acetyl formic acid). B.p., 166.8 3969-3986
$C_3H_4N_2$	Pyrazole (1,2-diazole). B.p., 187.5 3987-3993
C_3H_5Br	<i>trans</i> -1-Bromopropene. B.p., 63.25 1409, 3325, 14576
C_3H_5Br	<i>cis</i> -1-Bromopropene. B.p., 57.8 1410, 3326, 14575
C_3H_5Br	2-Bromopropene. B.p., 48.35 1411, 3327, 14577
C_3H_5Br	3-Bromopropene. B.p., 70.5 686, 1104, 1248, 1347, 1412, 2488, 2872, 2899, 3274, 3328, 3994-4013
C_3H_5BrO	Epibromohydrin. B.p., 138.5 1587, 2258, 2489, 4014-4029
$C_3H_5BrO_2$	α -Bromopropionic acid. B.p., 205.8 1824, 4030-4040
$C_3H_5Br_2$	1,2,3-Tribromopropane. B.p., 220 2944, 4041-4060
C_3H_5Cl	<i>cis</i> -1-Chloropropene. B.p., 32.8 3329
C_3H_5Cl	<i>trans</i> -1-Chloropropene. B.p., 37.4 3330
C_3H_5Cl	2-Chloropropene. B.p., 22.65 1105, 1413, 2631, 3227, 3331, 4061-4067
C_3H_5Cl	3-Chloropropene. B.p., 45.15 687, 1106, 1348, 1414, 2632, 3332, 3873, 3955, 4061, 4068-4080
C_3H_5ClO	1-Chloro-2-propanone. B.p., 121 151, 1107, 1588, 4081-4111
C_3H_5ClO	α -Chloropropionaldehyde. B.p., 86 152
C_3H_5ClO	Epichlorohydrin. B.p., 116.45 82, 153, 533, 606, 1108, 1415, 1589, 2217, 2490, 3333, 4112-4169, 14805-14810, 14819, 14838-14840
$C_3H_5ClO_2$	Methyl chloroacetate. B.p., 131.4 154, 847, 1416, 1590, 1950, 2259, 2491, 2758, 4170-4222, 14534
$C_3H_5Cl_2$	1,1,3-Trichloropropane. B.p., 148 4223, 4224
$C_3H_5Cl_2$	1,2,2-Trichloropropane. B.p., 122 4225-4230
$C_3H_5Cl_2$	1,2,3-Trichloropropane. B.p., 156.85 2058, 2492, 2945, 3515, 4231-4267
C_3H_5I	3-Iodopropene. B.p., 102.0 155, 534, 1109, 1249, 1417, 1760, 2393, 2759, 3275, 3334, 3516, 4268-4296, 14578, 14611, 14612, 14841-14843
C_3H_5N	Propionitrile. B.p., 97 77, 156, 1418, 3335, 4297-4319
$C_3H_5N_3O_9$	Nitroglycerin. 4320
C_3H_6	Cyclopropane. B.p., -31.5 486
C_3H_6	Propene. B.p., -48 487, 506
$C_3H_6Br_2$	1,2-Dibromopropane. B.p., 141 2260, 2494, 2714, 2760, 2928, 2946, 3517, 4112, 4170, 4321-4360
$C_3H_6Br_2$	1,3-Dibromopropane. B.p., 166.9 2424, 2495, 2761, 2947, 3517, 4361-4404
$C_3H_6Br_2O$	2,3-Dibromo-1-propanol. B.p., 219.5 4405-4424
$C_3H_6Cl_2$	1,1-Dichloropropane. B.p., 90 4425, 4426
$C_3H_6Cl_2$	1,2-Dichloropropane. B.p., 97 157, 1419, 3336, 4427-4432
$C_3H_6Cl_2$	1,3-Dichloropropane. B.p., 129.8
$C_3H_6Cl_2$	2,2-Dichloropropane. B.p., 70.4 1110, 1420, 2414, 2496, 3276, 3337, 4436-4452
$C_3H_6Cl_2O$	1,3-Dichloro-2-propanol. B.p., 175.8 848, 1825, 1951, 2948, 3519, 4453-4526, 14843-14847

Formula	Name and System Nos.
$C_3H_5Cl_2O$	2,3-Dichloro-1-propanol. B.p., 182.5 3520, 4527-4576, 14848
C_3H_6O	Acetone. B.p., 56.1 158, 607, 688, 789, 934, 1040, 1111, 1208, 1421, 1712, 2146, 2168, 2331, 2371, 2454, 2497, 2633, 2670, 2684, 2874, 2900, 3338, 3797, 3810, 3852, 3994, 4068, 4320, 4577-4650, 14512, 14520, 14528, 14613-14616, 14767, 14781, 14782, 14785, 14786, 14793, 14795-14798, 14849, 14850
C_3H_6O	Allyl alcohol. B.p., 96.9 159, 536, 608, 689, 690, 786, 849, 935, 998, 1250, 1591, 1713, 2261, 2262, 2332, 2372, 2901, 3277, 3995, 4113, 4171, 4268, 4436, 4577, 4651-4702, 14513, 14523, 14553, 14611, 14617- 14623
C_3H_6O	Propionaldehyde. B.p., 48.7 691, 936, 1041, 1422, 2333, 2685, 3339, 3962, 4578, 4703-4708
C_3H_6O	Propylene oxide. B.p., 35 160, 937, 1042, 2465, 2686, 3853, 4709-4720
C_3H_6OS	Methyl thioacetate. B.p., 95.5 1423, 3340, 4721, 4722
$C_3H_6O_2$	1,3-Dioxolane. B.p., 75 161, 4723
$C_3H_6O_2$	Ethyl formate. B.p., 54.1 15, 162, 692, 938, 1043, 1209, 1424, 2334, 2671, 2687, 2875, 2902, 3341, 3996, 4069, 4437, 4579, 4724-4751, 14778
$C_3H_6O_2$	Methoxyacetaldehyde. B.p., 92 163
$C_3H_6O_2$	Methyl acetate. B.p., 57.1 16, 164, 609, 693, 939, 1044, 1210, 1425, 2169, 2335, 2688, 2876, 2903, 3342, 3997, 4070, 4438, 4580, 4703, 4724, 4752-4780, 14535, 14768, 14777, 14795, 14799
$C_3H_6O_2$	Propionic acid. B.p., 140.7 17, 165, 537, 694, 850, 999, 1063, 1251, 1592, 1826, 1922, 1952, 2147, 2218, 2231, 2263, 3242, 3967, 3969, 4014, 4015, 4114, 4172, 4231, 4269, 4321, 4361, 4781-4879, 14816
$C_3H_6O_2$	Methyl carbonate. B.p., 90.25 166, 610, 611, 695, 791, 1000, 1426, 1714, 1761, 2373, 2498, 2904, 3278, 3343, 4270, 4651, 4880-4922
$C_3H_6O_2$	Methyl glycolate. B.p., 151 18
$C_3H_6O_2$	Trioxane. B.p., 114.5 167, 4923-4930, 14624-14630
C_3H_7Br	1-Bromopropane. B.p., 71.0 612, 696, 940, 1112, 1252, 1349, 1427, 2170, 2499, 2877, 2905, 3279, 3344, 3998, 4581, 4652, 4725, 4752, 4880, 4934-4962, 14579
C_3H_7Br	2-Bromopropane. B.p., 59.4 697, 941, 1113, 1253, 1350, 1428, 2336, 2500, 2878, 3345, 4582, 4653, 4726, 4753, 4963-4984
C_3H_7Cl	1-Chloropropane. B.p., 46.4 168, 698, 1114, 1211, 1254, 1351, 1429, 2415, 2634, 2879, 3346, 3811, 4071, 4583, 4704, 4727, 4754, 4985-5000, 14769, 14778
C_3H_7Cl	2-Chloropropane. B.p., 34.9 169, 699, 1115, 1430, 2455, 2635, 2689, 3228, 3347, 3798, 3812, 4584, 4728, 5001-5010
C_3H_7ClO	1-Chloro-2-propanol. B.p., 127 170, 538, 792, 851, 1001, 1255, 1593, 1715, 1953, 2264, 2374, 3243, 3521, 5011-5035
C_3H_7ClO	2-Chloro-1-propanol. B.p., 133.7 171, 1256, 1594, 1716, 2265, 5036-5050
$C_3H_7ClO_2$	Chloromethylal. B.p., 95 5051-5055
$C_3H_7ClO_2$	1-Chloro-2,5-propanediol. B.p., 213 5056-5060
C_3H_7I	1-Iodopropane. B.p., 102.4 539, 1116, 1257, 1431, 1762, 2425, 2501, 2762, 2949, 3280, 3348, 4115, 4271, 4781, 4881, 5061-5083, 14631
C_3H_7I	2-Iodopropane. B.p., 89.45 793, 1117, 1258, 1432, 1717, 1763, 2502, 2763, 3281, 3349, 4297, 4585, 4882, 5084-5104
C_3H_7N	Allylamine. B.p., 52.9 172
C_3H_7NO	Acetoxime. B.p., 135.8 5105
C_3H_7NO	Propionamide. B.p., 222.1 173, 852, 1433, 1595, 1658, 1827, 1954, 2266, 2764, 2950, 3522, 3859, 4322, 4362, 5106-5302
$C_3H_7NO_2$	Ethyl carbamate. B.p., 185.25 853, 1064, 1596, 1828, 1955, 2267, 2951, 3523, 3860, 4232, 4363, 4453, 4527, 5106, 5303- 5445

Formula	Name and System Nos.
$C_3H_7NO_2$	Isopropyl nitrite. B.p., 40.1 174, 700, 942, 1045, 1198, 1212, 2023, 2456, 2636, 2672, 2690, 2749, 3813, 4062, 4072, 4586, 4705, 4729, 4755, 4985, 5001, 5446-5461
$C_3H_7NO_2$	1-Nitropropane. B.p., 130.5 2268, 5462-5466, 14632
$C_3H_7NO_2$	2-Nitropropane. B.p., 120 5467-5468
$C_3H_7NO_2$	Propyl nitrite. B.p., 477.5 175, 701, 943, 1046, 2337, 2637, 2691, 2880, 3799, 3814, 4073, 4587, 4706, 4730, 4756, 4963 4986, 5002, 5446, 5469-5478
$C_3H_7NO_3$	Propyl nitrate. B.p., 110.5 176, 1259, 1597, 2232, 2503, 3244, 3350, 5447, 5479-5501
C_3H_8	Propane. B.p., -44 488, 507, 918, 1434, 2171, 3952
C_3H_8O	Ethyl methyl ether. B.p., 10.8 19, 702
C_3H_8O	Isopropyl alcohol. B.p., 82.3 177, 540, 613, 703, 794, 944, 1002, 1047, 1213, 1260, 1352, 1598, 1718, 2172, 2233, 2270, 2338, 2375, 2692, 2693, 2906, 2907, 3229, 3282, 3318, 3351, 3815, 3949, 3999, 4074, 4081, 4116, 4173, 4272, 4298, 4427, 4439, 4588, 4721, 4731, 4757, 4883, 4931, 4932, 4964, 4987, 5003, 5061, 5084, 5479, 5502-5590, 14524, 14531, 14554, 14633-14647, 14779, 14851
C_3H_8O	Propyl alcohol. B.p., 97.25 20, 178, 489, 541, 614, 704, 795, 854, 945, 1003, 1214, 1261, 1599, 1719, 1927, 1929, 1956, 2059, 2173, 2234, 2339, 2376, 2694, 2881, 3245, 3283, 3319, 3352, 3942, 3953, 3954, 4000, 4016, 4117, 4174, 4273, 4299, 4323, 4440, 4589, 4654, 4722, 4884, 4933, 4965, 4966, 4988, 5062, 5085, 5469, 5480, 5591-5690, 14154, 14532, 14549, 14555, 14612, 14631, 14648-14664, 14789, 14806, 14838, 14841, 14852, 14853
$C_3H_8O_2$	2-Methoxyethanol. B.p., 124.5 179, 542, 855, 1435, 1600, 1957, 2156, 2271, 2416, 2715, 2765, 3353, 3935, 4175, 4274, 4324, 5063, 5481, 5691-5771, 14665, 14666
$C_3H_8O_2$	Methylal. B.p., 42.3 180, 705, 946, 1048, 1118, 1215, 1353, 1436, 2340, 2638, 2695, 2882, 3230, 3354, 3800, 3816, 4075, 4590, 4732, 4758, 4989, 5004, 5448, 5470, 5503, 5591, 5772-5789, 14536, 14765, 14770, 14780, 14787, 14800, 14854
$C_3H_8O_2$	1,2-Propanediol. B.p., 187.8 181, 2952, 5303, 5790-5810
$C_3H_8O_3$	Glycerol. B.p., 290 2953, 3524, 5811-5912
C_3H_8S	1-Propanethiol. B.p., 67.5 947, 1437, 3355, 4591, 4733, 4934, 4967, 4990, 5772, 5913-5932
C_3H_8S	2-Propanethiol. B.p., 52.60 5933-5939
$C_3H_7BO_3$	Methyl borate. B.p., 68.7 616, 706, 707, 796, 948, 1438, 1720, 2341, 2377, 2884, 2908, 3356, 4001, 4592, 4759, 4985, 4968, 4991, 5940-5959
C_3H_9ClSi	Chlorotrimethylsilane. B.p., 57.5 78, 615, 949, 1262, 2174, 2342, 3950, 4300, 5960, 5961
C_3H_9N	Propylamine. B.p., 49.7 4593, 5773, 5962-5967
C_3H_9N	Trimethylamine. B.p., 3.5 21, 182, 490, 1119, 1561, 2504, 3513, 3849, 5968-5975, 14750-14754
$C_3H_{10}N_2$	1,2-Propanediamine. B.p., 119.7 183
$C_3H_{10}SiO$	Trimethylsilanol. B.p., 99 5976
C_4F_8	Octafluorocyclobutane. B.p., -4 1701
C_4H_4	1-Butene-3-yne. B.p., 5.0 1562, 5968, 5977
$C_4H_4Cl_2$	2,3-Dichloro-1,3-butadiene. B.p., 98 1439
$C_4H_4N_2$	Pyrazine (1,4-diazine). B.p., 118 185, 1440, 3357, 5691, 5980
$C_4H_4N_2$	Pyridazine (1,2-diazine). B.p., 207.2 5981-5990
C_4H_4O	1-Butyn-3-one. B.p., 85 186
C_4H_4O	Furan. B.p., 31.7 184, 708, 1049, 1441, 2639, 2750, 3231, 3854, 4063, 5449, 5978, 5979

Formula	Name and System Nos.
C_4H_4S	Thiophene. B.p., 84 187, 617, 1120, 1354, 1442, 1721, 2378, 2909, 3284, 3358, 4594, 4936, 5503, 5913, 5991-6008
$C_4H_5ClO_2$	α -Chlorocrotonic acid. B.p., 212.5 6009, 6010
$C_4H_5Cl_3O$	α, α, β -Trichlorobutyraldehyde. B.p., 164 4233
$C_4H_5Cl_2O_2$	Ethyl trichloroacetate. B.p., 167.2 6011-6016
C_4H_5N	<i>cis</i> - and <i>trans</i> -Crotonitrile. B.p., 107.5-120.5 188
C_4H_5N	Pyrrole. B.p., 129.8 189, 1601, 2157, 2235, 2272, 2417, 3525, 4118, 4325, 5692, 5790, 6017-6047
C_4H_5NS	Allyl isothiocyanate. B.p., 152.05 709, 1443, 2954, 3526, 5107, 5791, 6048-6058
C_4H_6	1,3-Butadiene. B.p., -4.5 491, 1199, 1228, 1563, 1564, 2053, 2457, 2466, 3359, 5969, 6059-6062
C_4H_6	1-Butyne. B.p., 7 492, 6063, 6064
$C_4H_6Cl_2O_2$	Ethyl dichloroacetate. B.p., 158.1 4782, 6065-6076
C_4H_6O	3-Butyn-1-ol. B.p., 128.9 190
C_4H_6O	Crotonaldehyde. B.p., 102.15 1121, 1263, 1444, 2505, 3360, 5064, 5592, 6077-6087, 14667, 14668
$C_4H_6O_2$	Allyl formate. B.p., 80.0 618, 2379, 2910, 3361, 6088-6091
$C_4H_6O_2$	Biacetyl. B.p., 87-88 191, 710, 1445, 2506, 3362, 5504, 5593, 6092-6094, 14580
$C_4H_6O_2$	Crotonic acid. B.p., 189 22
$C_4H_6O_2$	Methylacrylate. B.p., 80 192, 1446, 3363, 5506, 5594, 6095-6097
$C_4H_6O_2$	Methacrylic acid. 6098
$C_4H_6O_2$	Acetic anhydride. B.p., 138 6099-6107
$C_4H_6O_2$	Methyl pyruvate. B.p., 137.5 2507, 4783, 6108-6132
$C_4H_6O_4$	Methyl oxalate. B.p., 164.45 856, 1659, 1829, 1958, 2060, 2955, 3527, 4234, 4454, 4528, 5108, 5304, 6133-6205, 14844, 14855-14860
C_4H_7Br	<i>trans</i> -1-Bromo-1-butene. B.p., 94.70 3364
C_4H_7Br	<i>cis</i> -1-Bromo-1-butene. B.p., 86.15 3365
C_4H_7Br	2-Bromo-1-butene. B.p., 81.0 3366
C_4H_7Br	<i>cis</i> -2-Bromo-2-butene. B.p., 93.9 3367
C_4H_7Br	<i>trans</i> -2-Bromo-2-butene. B.p., 85.55 3368
$C_4H_7BrO_2$	Ethyl bromoacetate. B.p., 158.2 857, 1830, 1959, 2956, 3528, 4326, 4364, 4784, 5109, 6206-6258, 14861-14863
C_4H_7Cl	<i>trans</i> -1-Chloro-1-butene. B.p., 68 3369
C_4H_7Cl	<i>cis</i> -1-Chloro-1-butene. B.p., 63.4 3370
C_4H_7Cl	2-Chloro-1-butene. B.p., 58.4 3371
C_4H_7Cl	<i>trans</i> -2-Chloro-2-butene. B.p., 66.6 3372
C_4H_7Cl	<i>cis</i> -2-Chloro-2-butene. B.p., 62.4 3373
C_4H_7Cl	1-Chloro-2-methyl-1-propene. B.p., 68.1 193
C_4H_7ClO	α -3-Chloro-2-butene-1-ol. B.p., 164 194
C_4H_7ClO	β -3-Chloro-2-butene-1-ol. B.p., 166 195

Formula	Name and System Nos.
C_4H_7ClO	2-Chloroethyl vinyl ether. B.p., 108 6259
$C_4H_7ClO_2$	4-Chloromethyl-1,3-dioxolane. B.p., 66/40 196
$C_4H_7ClO_2$	Ethyl chloroacetate. B.p., 143.5 197, 858, 1831, 1960, 2273, 2716, 2766, 2957, 3374, 3529, 4235, 4655, 4785, 5595, 5693, 6133, 6260-6307, 14581, 14864, 14865
$C_4H_7Cl_2O$	Ethyl-1,1,2-trichloroethyl ether. B.p., 172.5 859, 4365, 5305, 6308-6321
C_4H_7N	Butyronitrile. B.p., 118 198, 5596, 6327-6329
C_4H_7N	Isobutyronitrile. B.p., 103 199, 4275, 5507, 5597, 6330, 6335
C_4H_7N	Pyrroline (2,3-dihydropyrrol). B.p., 90.9 711, 1447, 5598, 5991, 6336
C_4H_8	1-Butene. B.p., -6 493, 508, 1200, 1229, 1565, 1566, 2054, 2467, 2640, 5970, 6059, 6337, 14751
C_4H_8	2-Butene. B.p., 1-3.7 510, 511, 1567, 1568, 2468, 2469, 2642, 2648, 5971, 5972, 5977, 6060, 6063, 6064
C_4H_8	2-Methylpropene. B.p., -6 494, 509, 1230, 1569, 2470, 2643, 5973, 6337, 14752
$C_4H_8Br_2O$	Bis(2-bromoethyl) ether. 3530, 5792
$C_4H_8Cl_2O$	Bis(2-chloroethyl) ether. B.p., 178.65 860, 2767, 2959, 3531, 3532, 3861, 3987, 4366, 5110, 5306, 6338-6381, 14572
$C_4H_8Cl_2O$	1,2-Dichloroethyl ether ether. B.p., 145.5 861, 2212, 2508, 2958, 5599, 6048, 6382-6410
$C_4H_8Cl_2O$	1,3-Dichloro-2-methyl-2-propanol. B.p., 172 200
$C_4H_8Cl_2S$	Bis(2-chloroethyl) sulfide. B.p., 216.8 3533, 6411-6419
C_4H_8O	2-Butanone. B.p., 79.6 201, 619, 712, 797, 950, 1122, 1264, 1448, 1722, 1764, 2343, 2380, 2509, 2673, 2884, 2911, 3285, 3376, 3817, 4002, 4595, 4656, 4760, 4786, 4885, 4939, 4969, 5051, 5086, 5508, 5600, 5914, 5940, 5962, 5992, 6420-6460, 14515, 14633, 14648, 14670-14679, 14757, 14760, 14761, 14775, 14829-14832, 14866, 14867
C_4H_8O	1-Butene-3-ol. B.p., 96 202, 6461
C_4H_8O	Butyraldehyde. B.p., 74 203, 713, 951, 4596, 4761, 4937, 4970, 5941, 5993, 6462-6465, 6420, 14680
C_4H_8O	Crotonyl alcohol. B.p., 119 204
C_4H_8O	Cyclopropyl methyl ether. B.p., 44.73 4707
C_4H_8O	Ethyl vinyl ether. B.p., 35.5 3377
C_4H_8O	Isobutylene oxide. B.p., 50 953, 1050, 2344
C_4H_8O	Isobutyraldehyde. B.p., 63.5 620, 714, 952, 1449, 2345, 3378, 3963, 4597, 4734, 4762, 4938, 4971, 6421, 6466-6468, 14681
C_4H_8O	2-Methyl-2-propen-1-ol. B.p., 113.8 6469
C_4H_8O	Tetrahydrofuran. B.p., 65 6470
C_4H_8OS	Ethyl thioacetate. B.p., 116.6 3379, 3434, 4657, 5509, 5601, 6471-6476
$C_4H_8O_2$	Butyric acid. B.p., 162.45 23, 205, 621, 715, 862, 1065, 1602, 1603, 1660, 1723, 1832, 1961, 2148, 2236, 2274, 2381 2510, 2644, 2696, 3970, 4236, 4327, 4367, 4428, 6011, 6065, 6134, 6206, 6260, 6338, 6477- 6572
$C_4H_8O_2$	1,2-Dimethoxyethylene. B.p., 102 1450
$C_4H_8O_2$	Dioxane. B.p., 101.32 206, 543, 622, 954, 1123, 1265, 1451, 1604, 1724, 2149, 2382, 2511, 2768, 3246, 3286, 3380, 3535, 4276, 4429, 4598, 4658, 4787, 4886, 5065, 5087, 5482, 5510, 5602, 5694, 6259, 6422, 6573-6611, 14521, 14609
$C_4H_8O_2$	<i>m</i> -Dioxane. B.p., 104 207, 6612

Formula	Name and System Nos.
$C_4H_8O_2$	Ethyl acetate. B.p., 77.05 24, 208, 623, 716, 798, 955, 1216, 1266, 1452, 1725, 2162, 2175, 2383, 2697, 2885, 2912, 3381, 4003, 4301, 4940, 4441, 4599, 4659, 4887, 4942, 4972, 4992, 5511, 5603, 5942, 5994, 6423, 6613-6646, 14561, 14584, 14758, 14762, 14776, 14779, 14801, 14794, 14827, 14828, 14833, 14868
$C_4H_8O_2$	Isobutyric acid. B.p., 154.35 209, 544, 717, 863, 1066, 1605, 1833, 1962, 2275, 3944, 4017, 4237, 4328, 4368, 6012, 6066, 6108, 6135, 6207, 6261, 6573, 6647-6719, 14869, 14870
$C_4H_8O_2$	Isopropyl formate. B.p., 68.8 210, 624, 718, 956, 1453, 2886, 2913, 4600, 4763, 4942, 5943, 6424, 6613, 6720-6725
$C_4H_8O_2$	Methyl propionate. B.p., 79.85 211, 625, 719, 799, 957, 1267, 1454, 1726, 2176, 2914, 3382, 4302, 4442, 4660, 4943, 5088, 5512, 5604, 5995, 6425, 6614, 6726-6747, 14760, 14830
$C_4H_8O_2$	Propyl formate. B.p., 80.9 212, 626, 720, 800, 958, 1268, 1455, 1727, 1765, 2177, 2384, 2512, 2915, 3383, 4004, 4303, 4443, 4661, 4944, 5089, 5513, 5605, 5996, 6426, 6462, 6615, 6726, 6748-6777, 14649, 14866
$C_4H_8O_2$	Glycol monoacetate. B.p., 190.9 2960, 3536, 5111, 6136, 6339, 6778-6825
$C_4H_8O_2$	Methyl lactate. B.p., 144.8 213, 864, 1606, 1834, 1963, 2276, 4176, 4238, 5695, 6208, 6262, 6826-6884, 14864
C_4H_8S	Thiophane. B.p., 118.8 545, 1124, 1456, 2518, 2768, 4119, 5483, 5514, 5607, 6885-6896
C_4H_9Br	1-Bromobutane. B.p., 101.5 546, 1004, 1125, 1269, 1457, 1766, 2178, 2426, 2514, 2717, 2769, 3247, 3287, 3384, 3537, 4018, 4120, 4662, 4788, 4888, 5484, 5608, 6574, 6897-6928
C_4H_9Br	2-Bromobutane. B.p., 91.2 801, 1458, 2515, 3288, 3385, 4889, 5515, 5609, 6427, 6727, 6748, 6929-6937
C_4H_9Br	1-Bromo-2-methylpropane. B.p., 91.4 802, 1126, 1270, 1459, 1767, 2179, 2516, 2718, 2770, 3248, 3289, 3386, 3538, 4304, 4601, 4663, 5485, 5516, 5610, 6077, 6428, 6575, 6616, 6728, 6749, 6929, 6938-6965, 8890, 14585
C_4H_9Br	2-Bromo-2-methylpropane. B.p., 73.3 627, 721, 1127, 1271, 1355, 1460, 2517, 2916, 3290, 3387, 4891, 5517, 5611, 5944, 6429, 6617, 6729, 6750, 6966-6975
C_4H_9Cl	1-Chlorobutane. B.p., 77.9 214, 722, 1128, 1272, 1356, 1461, 1768, 2180, 2518, 2887, 3249, 3291, 3388, 4121, 4602, 4664, 4892, 5518, 5612, 5945, 5997, 6088, 6430, 6618, 6730, 6751, 6897, 6976-6997
C_4H_9Cl	2-Chlorobutane. B.p., 68.25 723, 1357, 1462, 2519, 3389, 4603, 4764, 5519, 5613, 5946, 6431, 6619, 6752, 6998-7004
C_4H_9Cl	1-Chloro-2-methylpropane. B.p., 68.8 215, 724, 1129, 1273, 1358, 1463, 2181, 2520, 2888, 3292, 3390, 4005, 4604, 4665, 4735, 4765, 4945, 4946, 5520, 5614, 5947, 6432, 6463, 6576, 6620, 6720, 6731, 6753, 6998, 7005-7022, 14586, 14634, 14650, 14682, 14796, 14834
C_4H_9Cl	2-Chloro-2-methylpropane. B.p., 50.8 725, 1130, 1464, 2645, 2889, 3391, 4605, 4736, 4766, 5450, 5471, 5615, 5774, 5948, 6466, 7023-7030
C_4H_9ClO	1-Chloroethyl ethyl ether. B.p., 98.5 628, 726, 1005, 2385, 3818, 4722, 5998, 6976, 7032-7040
C_4H_9ClO	1-Chloro-2-methyl-2-propanol. B.p., 126.7 216
C_4H_9I	1-Iodobutane. B.p., 130.4 1131, 1274, 1465, 2277, 2427, 2521, 2771, 2961, 3392, 3539, 4122, 4177, 4666, 4789, 5011, 5036, 5112, 5307, 5521, 5616, 5696, 6017, 6109, 6263, 6477, 6647, 6826, 7041-7070
C_4H_9I	2-Iodobutane. B.p., 120.0 1466, 2522, 3393, 5486, 5618, 7071-7074
C_4H_9I	1-Iodo-2-methylpropane. B.p., 120.8 217, 547, 865, 1132, 1275, 1467, 1607, 1769, 2278, 2428, 2523, 2772, 2962, 3394, 3395, 3540, 4123, 4178, 4790, 5012, 5308, 5487, 5522, 5617, 5697, 6322, 6478, 6827, 7075-7100, 14807, 14839
C_4H_9N	Methallylamine. B.p., 78.7 218
C_4H_9N	Pyrrolidine (tetrahydropyrrole). B.p., 88 7101
C_4H_9NO	Morpholine. B.p., 128 7102
$C_4H_9NO_2$	Butyl nitrite. B.p., 78.2 219, 629, 727, 803, 959, 1728, 2182, 2386, 4444, 4606, 4947, 5949, 5999, 6089, 6433, 6621, 6732, 6754, 6938, 6966, 6977, 6999, 7005, 7103-7114

Formula	Name and System Nos.
C ₄ H ₉ NO ₂	Isobutyl nitrite. B.p., 67.1 220, 630, 728, 960, 2356, 4006, 4445, 4607, 4767, 4948, 4973, 4993, 5950, 6000, 6434, 6622, 6721, 6967, 6978, 6970, 7006, 7023, 7115-7142
C ₄ H ₉ NO ₂	Isobutyl nitrate. B.p., 122.9 221, 1608, 2524, 4791, 5698, 7041, 7075
C ₄ H ₁₀	Butane 100, 495, 512, 1201, 1231, 1558, 1570, 1571, 2471, 2646, 2751, 3232, 3320, 3850, 5974, 6061, 14753
C ₄ H ₁₀	2-Methylpropane. B.p., -10 101, 496, 513, 1203, 1232, 1559, 1572, 2472, 2647, 5975, 14754
C ₄ H ₁₀ O	Butyl alcohol. B.p., 117.75 25, 222, 548, 631, 729, 804, 866, 1276, 1577, 1609, 1699, 1729, 1923, 1928, 1964, 2237, 2279, 2387, 2773, 2917, 2963, 3250, 3293, 3541, 4007, 4019, 4082, 4124, 4179, 4277, 4305, 4329, 4446, 4608, 4893, 4949, 5013, 5066, 5090, 5488, 5699, 6018, 6067, 6095, 6209, 6264, 6323, 6340, 6382, 6435, 6471, 6577, 6623, 6733, 6755, 6828, 6900, 6930, 6939, 6979, 7007, 7042, 7076, 7123, 7143-7246, 14683-14689, 14868
C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol. B.p., 99.4 223, 549, 632, 805, 961, 1277, 1610, 1730, 2280, 2388, 2698, 3294, 4083, 4125, 4180, 4667, 4894, 4974, 5091, 5619, 5700, 6383, 6472, 6578, 6624, 6734, 6756, 6899, 6931, 6940, 6980, 7008, 7274-7284, 14690-14702
C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol. B.p., 82.5 224, 550, 633, 731, 806, 962, 1278, 1359, 1611, 1731, 2357, 2389, 3295, 3396, 3819, 4008, 4076, 4126, 4609, 4895, 4950, 4975, 4994, 5092, 5523, 5951, 6436, 6579, 6627, 6735, 6757, 6900, 6941, 6968, 6981, 7009, 7024, 7043, 7285-7315, 14516, 14669, 14682, 14703-14707
C ₄ H ₁₀ O	Ethyl ether. B.p., 34.5 26, 102, 225, 634, 730, 963, 1051, 1133, 1217, 1360, 1468, 1795, 1934, 2061, 2183, 2390, 2525, 2648, 2674, 2699, 2890, 3233, 3397, 3801, 3820, 3855, 4064, 4077, 4610, 4737, 4768, 4995, 5451, 5472, 5620, 5963, 6062, 6479, 6648, 7316-7332, 14587, 14825, 14826, 14871
C ₄ H ₁₀ O	Isobutyl alcohol. B.p., 107.0 226, 551, 635, 732, 807, 867, 964, 1006, 1279, 1612, 1732, 1770, 1965, 2150, 2184, 2219, 2238, 2281, 2391, 2774, 2918, 3251, 3296, 3321, 4009, 4020, 4084, 4127, 4181, 4278, 4306, 4330, 4447, 4611, 4896, 4951, 5014, 5067, 5093, 5489, 5621, 5701, 6019, 6096, 6210, 6265, 6324, 6437, 6473, 6580, 6625, 6626, 6758, 6901, 6932, 6942, 6969, 6982, 7010, 7044, 7077, 7124, 7285, 7333-7418, 14525, 14537, 14556, 14708-14722, 14808, 14840
C ₄ H ₁₀ O	Methyl propyl ether. B.p., 38.9 227, 733, 965, 1052, 1218, 1469, 1470, 2649, 2700, 3398, 3821, 3856, 4612, 4996, 5452, 5775, 7316, 7419-7422
C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal. B.p., 64.3 230, 734, 808, 967, 1471, 2919, 3399, 4010, 4738, 4770, 4952, 4976, 6983, 7011, 7115, 7423- 7426, 14538
C ₄ H ₁₀ O ₂	<i>l</i> -2,3-Butanediol. 228, 7427
C ₄ H ₁₀ O ₂	<i>meso</i> -2,3-Butanediol. B.p., 183 229, 6461
C ₄ H ₁₀ O ₂	1,2-Dimethoxyethane. B.p., 83 231, 5622
C ₄ H ₁₀ O ₂	2-Ethoxyethanol. B.p., 135.1 232, 868, 1067, 1280, 1613, 1835, 1966, 2282, 2719, 2775, 3400, 3862, 4182, 4331, 5015, 5068, 5490, 6020, 6211, 6266, 6829, 7045, 7078, 7125, 7143, 7333, 7428-7514, 14588
C ₄ H ₁₀ O ₂	Ethoxymethoxymethane. B.p., 65.91 233, 966, 1361, 1472, 3401, 4011, 4769, 4953, 6970, 14539, 14589
C ₄ H ₁₀ O ₂	1-Methoxy-2-propanol. B.p., 118 236, 7515
C ₄ H ₁₀ O ₂	2-Methoxy-1-propanol. B.p., 130 236
C ₄ H ₁₀ O ₂	Diethylene glycol. B.p., 245.5 237, 2964, 4405, 5113, 5811, 7516-7597
C ₄ H ₁₀ S	Butanethiol. B.p., 97.5 552, 1007, 1281, 2776, 4897, 5623, 6021, 6761, 6984, 7598, 7615
C ₄ H ₁₀ S	2-Butanethiol. B.p., 85.15 7615-7625
C ₄ H ₁₀ S	Ethyl sulfide. B.p., 92.2 636, 809, 968, 1134, 1282, 1473, 2418, 2526, 2777, 3297, 3402, 4613, 4668, 4722, 4792, 4898, 5524, 5624, 6022, 6438, 6628, 6736, 6759, 6760, 6902, 6943, 7032, 7103, 7144, 7247, 7286, 7598, 7626-7643
C ₄ H ₁₀ S	2-Methyl-1-propanethiol. B.p., 88 1733, 2392, 4722, 7626, 7644-7666
C ₄ H ₁₀ S	2-Methyl-2-propanethiol. B.p., 64.35 7662-7666

Formula	Name and System Nos.
$C_4H_{10}SO_4$	Ethyl sulfate. B.p., 208.0 7667
$C_4H_{11}ClSi$	Chloromethyl trimethylsilane. B.p., 97 3403
$C_4H_{11}N$	Butylamine. B.p., 77.8 4614, 6439, 7668-7669
$C_4H_{11}N$	Diethylamine. B.p., 55.9 735, 1474, 2358, 2701, 4615, 4771, 5776, 6440, 7317, 7419, 7423, 7670-7676
$C_4H_{11}N$	Isobutylamine. B.p., 68 1475, 4616, 7678-7684
$C_4H_{11}NO$	2-Amino-2-methyl-1-propanol. B.p., 165.4 7685
$C_4H_{11}NO$	3-Methoxypropylamine. B.p., 116 238
$C_4H_{11}NO_2$	2,2'-Iminodiethanol. B.p., 268 2965, 7686-7689
$C_4H_{12}Si$	Tetramethylsilane. B.p., 26.64 1219
$C_4H_{12}SiO$	Trimethylmethoxysilane. 1476
$C_4H_{12}SiO_4$	Tetramethoxysilane. B.p., 121.8 7690
$C_4H_6O_2$	2-Furaldehyde. B.p., 161.45 239, 869, 1614, 1661, 1836, 1967, 2283, 2458, 2527, 2778, 2966, 3542, 4239, 4332, 4369, 4455, 4793, 5309, 5702, 6049, 6068, 6137, 6308, 6341, 6384, 6480, 6649, 6778, 7046, 7428, 7691-7772, 14855
C_4H_5N	Pyridine. B.p., 115.5 27, 83, 240, 553, 637, 1024, 1135, 1283, 1477, 1615, 2151, 2284, 2528, 2779, 3404, 4128, 4225, 4669, 4794, 5625, 5703, 6099, 6581, 6885, 7047, 7079, 7145, 7248, 7334, 7429, 7599, 7627, 7773-7809, 14723-14733, 14872
C_5H_8	Cyclopentadiene. B.p., 41.0 2650, 4617
C_5H_4O	2-Methyl-3-butyn-2-ol. B.p., 104.4 241
C_5H_4O	2-Methylfuran. B.p., 63.7 242, 736, 1478, 3405, 4708, 4772, 6441, 14540, 14613
$C_5H_6O_2$	Furfuryl alcohol. B.p., 169.35 243, 1068, 1616, 1968, 2720, 2780, 2967, 4370, 5114, 5310, 7691, 7810-7832
C_5H_7N	1-Methylpyrrole (<i>N</i> -methylpyrrole). B.p., 112.8 2419, 5626, 5704, 6886, 7033, 7146, 7335, 7628
C_5H_7N	2-Methylpyrrole. B.p., 147.5 7430, 7832
C_5H_7NO	Furfurylamine. B.p., 144 244
C_5H_8	Cyclopentene. B.p., 43 1479, 2651, 4709, 7833
C_5H_8	Isoprene. B.p., 34.3 737, 1480, 1573, 2024, 2652, 2702, 3406, 3802, 3822, 4618, 4710, 4739, 4997, 5453, 5778, 7318, 7420, 7834-7840, 14614, 14820
C_5H_8	3-Methyl-1,2-butadiene. B.p., 40.8 1481, 2653, 2703, 3407, 4619, 5777, 5915, 7319, 7834, 7841
C_5H_8	<i>cis</i> -Piperylene (1,3-pentadiene). B.p., 42.5 1482, 2654, 4620, 7833, 7835
C_5H_8O	Cyclopentanone. B.p., 130.65 1617, 2158, 2529, 3863, 4129, 4183, 4226, 4795, 6267, 6650, 6830, 7048, 7431, 7842-753
C_5H_8O	3-Methyl-3-butene-2-one. B.p., 98.5 245
C_5H_8O	2-Methyl-3-butyne-2-ol. 246
$C_5H_8O_2$	Allyl acetate. B.p., 105 247, 4670
$C_5H_8O_2$	Ethyl acrylate. B.p., 100 248, 1483, 3408, 6097
$C_5H_8O_2$	Methyl methacrylate. B.p., 99.5 249, 1484, 6098
$C_5H_8O_2$	2,3-Pentanedione. B.p., 109 250
$C_5H_8O_2$	2,4-Pentanedione. B.p., 138 5796, 6110, 7853-7864

Formula	Name and System Nos.
$C_5H_8O_2$	Ethyl pyruvate. B.p., 155.5 4797, 6481, 6651, 7865-7892
$C_5H_8O_2$	Levulinic acid (β -acetylpropionic acid). B.p., 252 2968, 5115, 7893-7915
$C_5H_8O_2$	Methyl acetoacetate. B.p., 169.5 1838, 1969, 6309, 6342, 6652, 7692, 7916-7959
$C_5H_8O_4$	Methyl malonate. B.p., 181.5 1662, 1839, 4371, 5311, 7960-8023
$C_5H_8ClO_2$	Propyl chloroacetate. B.p., 162.3 251, 870, 1840, 1970, 2969, 3543, 4798, 5116, 5627, 6482, 7147, 7336, 8024-8045, 14651
C_5H_9N	Isovaleronitrile. B.p., 130.5 1618, 5705, 7049, 8046, 8047
C_5H_9N	Valeronitrile. B.p., 141.3 2285, 5706, 7148, 7432, 8048-8058
C_5H_{10}	Amylenes. 1574, 8059, 8060
C_5H_{10}	Cyclopentane. B.p., 49.4 738, 1053, 1136, 1220, 1285, 1362, 1485, 2185, 2359, 2530, 2655, 2704, 2891, 3234, 3298, 3409, 3803, 4078, 4621, 4711, 4740, 4998, 5005, 5454, 5473, 5525, 5779, 5916, 5933, 5963, 6722, 6762, 7012, 7025, 7116, 7287, 7320, 7337, 7678, 7836, 8061-8066, 14827
C_5H_{10}	2-Methyl-1-butene. B.p., 32 514, 2473, 2656, 4622, 4712
C_5H_{10}	3-Methyl-1-butene. B.p., 21.2 515, 740, 1138, 1223, 1284, 1487, 2025, 2474, 2657, 2752, 3235, 3410, 3805, 3823, 3851, 3857, 4065, 4624, 5008, 5456, 5527, 5786, 5978, 7322, 7838, 8069
C_5H_{10}	2-Methyl-2-butene. B.p., 37.7 516, 539, 969, 1054, 1137, 1221, 1222, 1486, 2475, 2658, 2705, 2892, 3236, 3411, 3412, 3804, 3824, 4741, 4773, 5006, 5007, 5455, 5526, 5623, 5781, 5917, 5965, 7149, 7288, 7321, 7421, 7670, 7837, 7841, 8061, 8067, 8068, 14771, 14773, 14780, 14791, 14900, 14821, 14824, 14825, 14854, 14871
C_5H_{10}	1-Pentene. B.p., 30.2 517, 2476, 2659, 4625, 5782
C_5H_{10}	2-Pentene. B.p., 35.8 518, 1488, 2477, 2660, 4626, 4713, 5783
$C_5H_{10}O$	Allyl ethyl ether. B.p., 63 3413, 14635, 14690
$C_5H_{10}O$	Cyclopentanol. B.p., 140.85 252, 741, 1286, 1619, 2720, 2781, 4085, 4184, 5707, 6023, 6050, 6268, 6343, 6385, 6831, 7050, 7126, 7433, 7853, 8070, 8096
$C_5H_{10}O$	Isovaleraldehyde. B.p., 92.5 253, 554, 638, 1734, 2393, 2531, 3299, 6442, 6629, 6737, 6985, 7629, 8097-8100
$C_5H_{10}O$	3-Methyl-2-butanone. B.p., 94 255, 639, 742, 810, 1008, 1139, 1287, 1489, 1735, 2394, 3414, 4671, 4899, 5069, 5528, 5628, 6001, 6078, 6582, 6944, 6986, 7034, 7104, 7150, 7338, 7630, 7671, 7679, 8101-8110
$C_5H_{10}O$	2-Methyltetrahydrofuran. B.p., 77 254
$C_5H_{10}O$	2-Pentanone. B.p., 102.35 256, 743, 811, 1009, 1140, 1288, 2220, 3415, 4279, 4430, 4672, 5070, 5629, 6079, 6903, 6945 7151, 7339, 7773, 8111-8126
$C_5H_{10}O$	3-Pentanone. B.p., 257 257, 556, 744, 812, 1010, 1141, 1289, 1736, 1771, 2221, 2239, 2532, 3252, 4130, 4280, 4673, 5052, 5071, 5529, 5630, 6080, 6887, 6904, 6933, 6946, 7035, 7152, 7249, 7289, 7340, 7631, 7774, 8097, 8111, 8126-8152, 14533, 14652, 14708, 14789, 14790, 14841-14843, 14852
$C_5H_{10}O$	Tetrahydropyran. 258
$C_5H_{10}O_2$	Butyl formate. B.p., 106.6 259, 813, 1290, 1490, 1772, 2533, 4086, 4281, 5530, 5631, 6905, 6947, 7080, 7153, 7250, 7341, 7775, 8112, 8126, 8153-8169, 14683
$C_5H_{10}O_2$	4,5-Dimethyl-1,3-dioxolane. 260
$C_5H_{10}O_2$	3-Ethoxy-1,2-epoxypropane. B.p., 124 261
$C_5H_{10}O_2$	Ethyl propionate. B.p., 99.15 28, 262, 556, 745, 814, 1291, 1491, 1737, 1773, 1916, 2186, 2534, 3416, 4282, 4307, 4431, 4674, 5632, 6081, 6630, 6906, 6948, 7154, 7251, 7342, 8101, 8113, 8127, 8170-8186
$C_5H_{10}O_2$	3-Hydroxy-3-methyl-2-butanone. B.p., 141 263

Formula	Name and System Nos.
$C_4H_{10}O_2$	Isobutyl formate. B.p., 98.3 264, 640, 746, 815, 1142, 1292, 1492, 1738, 1774, 2535, 2782, 3417, 4283, 4675, 4900, 5094, 5531, 5633, 6583, 6888, 6907, 6949, 7155, 7252, 7290, 7343, 8114, 8128, 8170, 8187-8201, 14709
$C_5H_{10}O_2$	Isopropyl acetate. B.p., 88.6 265, 641, 747, 816, 1011, 1293, 1493, 1739, 1775, 2187, 2395, 3418, 4284, 4425, 4901, 4954, 5072, 5095, 5532, 6443, 6584, 6908, 6950, 6987, 7105, 7156, 7344, 8102, 8202-8215
$C_5H_{10}O_2$	Isovaleric acid. B.p., 176.5 266, 748, 871, 872, 1069, 1620, 1663, 1700, 1841, 1971, 2062, 2286, 2970, 3828, 4240, 4333, 4372, 6212, 7051, 7693, 7960, 8024, 8216-8299, 14873-14877
$C_5H_{10}O_2$	Methyl butyrate. B.p., 162.65 267, 557, 817, 1294, 1494, 1740, 1776, 2240, 2536, 2783, 3419, 4087, 4131, 4285, 4308, 4676, 4902, 5073, 5533, 5634, 6082, 6111, 6585, 6909, 6951, 7081, 7157, 7253, 7345, 7632, 8115, 8129, 8153, 8170, 8300-8313
$C_5H_{10}O_2$	Methyl isobutyrate. B.p., 92.3 268, 642, 817, 1012, 1295, 1495, 1496, 1777, 2537, 2920, 3420, 4286, 4677, 5074, 5096, 5534, 5635, 6910, 6934, 6952, 7158, 7254, 7291, 7346, 7633, 8098, 8103, 8116, 8130, 8187, 8202, 8314-8327
$C_5H_{10}O_2$	Propyl acetate. B.p., 101.6 29, 269, 558, 749, 819, 1013, 1296, 1497, 1778, 1917, 2152, 2163, 2188, 2241, 2538, 2784, 3253, 3421, 4088, 4132, 4287, 4309, 4678, 5075, 5535, 5636, 6112, 6586, 6889, 6911, 6953, 7082, 7159, 7255, 7292, 7347, 7634, 8117, 8131, 8154, 8172, 8188, 8300, 8327-8343, 14562, 14653, 14790, 14842, 14852
$C_5H_{10}O_2$	Tetrahydrofurfuryl alcohol. 8343
$C_5H_{10}O_2$	Valeric acid. B.p., 186.35 873, 1664, 1842, 1972, 2063, 3829, 4334, 4373, 6013, 7916, 7961, 8344-8398
$C_5H_{10}O_2$	Ethyl carbonate. B.p., 126.5 270, 1621, 1973, 2287, 2722, 2785, 2971, 3544, 4133, 4185, 4227, 4799, 6024, 7052, 7083, 7127, 7160, 7348, 7776, 7842, 8071, 8399-8422, 14811
$C_5H_{10}O_2$	Ethyl lactate. B.p., 153.9 1843, 1974, 3945, 4241, 6069, 6138, 6213, 6214, 6269, 6386, 7434, 7694, 8072, 8423-8475
$C_5H_{10}O_2$	2-Methoxyethyl acetate. B.p., 144.6 271, 1622, 1844, 1975, 2288, 2539, 2723, 2786, 3545, 3971, 4021, 4134, 4186, 4433, 4800, 5312, 5708, 6139, 6215, 6270, 6387, 6484, 6653, 6654, 6832, 7053, 7084, 7128, 7161, 7349, 7435, 7695, 8070, 8400, 8423, 8476-8530
$C_5H_{10}O_2$	Methyl β -methoxypropionate. B.p., 84/100 272
$C_5H_{11}Br$	1-Bromo-3-methylbutane. B.p., 120.65 559, 1025, 1143, 1297, 1498, 1623, 1779, 2189, 2540, 2724, 2788, 2972, 2973, 3254, 3422, 3546, 4135, 4187, 4801, 5016, 5037, 5117, 5313, 5536, 5537, 5637, 5709, 6025, 6326, 6484, 6587, 6655, 7085, 7129, 7162, 7293, 7350, 7436, 7696, 7777, 7843, 8074, 8155, 8216, 8401, 8476, 8533-8557
$C_5H_{11}Br$	1-Bromopentane. B.p., 130.0 8558
$C_5H_{11}Cl$	1-Chloro-3-methylbutane. B.p., 99.4 560, 1026, 1144, 1298, 1500, 1780, 2429, 2541, 2789, 3300, 3423, 4288, 4679, 4802, 4903, 5538, 5638, 5710, 6330, 6588, 6763, 6890, 7163, 7256, 7294, 7351, 8104, 8132, 8173, 8189, 8203, 8301, 8314, 8327, 8559-8571
$C_5H_{11}Cl$	1-Chloropentane. B.p., 108.35 273, 1499, 3424
$C_5H_{11}I$	1-Iodo-3-methylbutane. B.p., 147.65 874, 1145, 1976, 2064, 2430, 2542, 2790, 2929, 2974, 3547, 4022, 4188, 4456, 4803, 5118, 5314, 5639, 5711, 6113, 6140, 6216, 6271, 6485, 6656, 6833, 7164, 7257, 7352, 7437, 7697, 8217, 8344, 8402, 8424, 8477, 8572-8605
$C_5H_{11}I$	2-Iodo-2-methylbutane. B.p., 127.5 8403
$C_5H_{11}N$	Piperidine (hexahydropyridine). B.p., 105.8 274, 1501, 6589, 7778, 8133, 8605-8608, 14872
$C_5H_{11}NO$	Tetrahydrofurfurylamine. B.p., 153 275
$C_5H_{11}NO_2$	Ethyl <i>N</i> -ethylaminoformate. 8609, 8611
$C_5H_{11}NO_2$	Isoamyl nitrite. B.p., 97.15 276, 643, 750, 820, 1014, 1299, 1741, 2242, 2396, 4289, 5076, 5097, 6002, 6590, 6913, 6935, 6954, 6988, 8105, 8118, 8134, 8190, 8204, 8315, 8328, 8559, 8611-8624
$C_5H_{11}NO_3$	Isoamyl nitrate. B.p., 149.75 277, 875, 1845, 1977, 4242, 4335, 4374, 4804, 5315, 5712, 6070, 6217, 6272, 6486, 6657, 6834, 7438, 7810, 8425, 8478, 8625-8650

Formula	Name and System Nos.
C_4H_{10}	2-Methylbutane. B.p., 27.6 497, 519, 751, 1146, 1224, 1300, 1502, 2026, 2459, 2478, 2661, 2706, 2753, 3237, 3425, 3806, 3807, 3825, 3858, 4066, 4627, 4715, 5009, 5457, 5474, 5539, 5742, 5784, 5966, 5979, 6487, 7258, 7295, 7323, 7839, 8067, 8069, 8651, 8652, 14792, 14822
C_5H_{12}	Pentane. B.p., 36.15 281, 520, 752, 970, 1056, 1147, 1225, 1363, 1503, 2027, 2190, 2460, 2479, 2662, 2675, 2707, 2754, 3238, 3426, 3808, 3826, 3964, 4067, 4079, 4628, 4717, 4743, 4774, 4999, 5010, 5458, 5475, 5540, 5640, 5785, 5918, 5934, 5952, 7026, 7117, 7259, 7296, 7324, 7353, 7422, 7672, 7680, 7840, 8062, 8068, 8651, 8653, 8654, 14774, 14788, 14823, 14826, 14854, 14871
$C_5H_{12}O$	Amyl alcohol. B.p., 137.8 278, 753, 1624, 2289, 2725, 2791, 2975, 3255, 4089, 4136, 4189, 5713, 6026, 6474, 6836, 7054, 7130, 7439, 7779, 8048, 8404, 8479, 8533, 8655-8679, 14734-14738
$C_5H_{12}O$	<i>tert</i> -Amyl alcohol. B.p., 102.25 279, 561, 644, 754, 821, 1301, 1625, 1742, 2191, 2243, 2290, 2397, 2921, 3256, 3301, 4090, 4137, 4190, 4290, 4310, 4629, 4955, 5077, 5098, 5491, 5714, 6027, 6330, 6388, 6475, 6591, 6914, 6955, 6989, 7013, 7260, 7780, 8119, 8135, 8156, 8174, 8191, 8302, 8316, 8329, 8480, 8534, 8560, 8653, 8680-8701, 14739-14741
$C_5H_{12}O$	Butyl methyl ether. B.p., 71 1504, 14636, 14691
$C_5H_{12}O$	<i>tert</i> -Butyl methyl ether. B.p., 55 280, 1506
$C_5H_{12}O$	Ethyl isopropyl ether. B.p., 54 14637, 14692
$C_5H_{12}O$	Ethyl propyl ether. B.p., 63.6 282, 755, 971, 1148, 1364, 1505, 2360, 2893, 3239, 3427, 4630, 4744, 4956, 4977, 5476, 5541, 5641, 5919, 7001, 7014, 7118, 7673, 8063, 8702-8706, 14638, 14693
$C_6H_{14}O$	Isoamyl alcohol. B.p., 132.05 283, 562, 645, 756, 876, 1015, 1070, 1302, 1626, 1743, 1846, 1979, 2244, 2291, 2398, 2726, 2792, 2922, 2976, 3257, 3428, 3548, 4023, 4091, 4138, 4191, 4243, 4291, 4336, 4957, 5017, 5119, 5316, 5492, 5642, 5715, 6028, 6092, 6218, 6273, 6344, 6389, 6915, 6956, 7055, 7086, 7131, 7354, 7440, 7635, 7781, 7832, 7844, 7854, 8025, 8136, 8157, 8405, 8426, 8481, 8535, 8561, 8573, 8707-8782, 14742-14747, 14817, 14818, 14809, 14811
$C_6H_{14}O$	Isobutyl methyl ether. B.p., 59 14639, 14694
$C_6H_{14}O$	2-Methyl-1-butanol. 8783, 8784
$C_6H_{14}O$	3-Methyl-2-butanol. B.p., 112.9 284, 563, 757, 822, 1303, 1744, 2399, 4139, 5099, 6916, 6957, 8765-8792
$C_6H_{14}O$	2-Pentanol. B.p., 119.3 285, 564, 646, 758, 1304, 1627, 1744, 2292, 2793, 2977, 3302, 4092, 4140, 4192, 4904, 5493, 5716, 6029, 6274, 6592, 6837, 6958, 7056, 7132, 7165, 7441, 7846, 8059, 8137, 8158, 8482, 8536, 8793-8820
$C_6H_{14}O$	3-Pentanol. B.p., 115.4 286, 565, 647, 759, 1305, 1745, 2192, 2400, 2794, 4141, 4193, 5078, 5717, 6476, 6593, 6917, 6959, 6990, 7166, 7782, 8138, 8159, 8175, 8303, 8330, 8821-8837
$C_6H_{14}O_2$	Diethoxymethane. B.p., 87.5 287, 760, 823, 1016, 1507, 1747, 2401, 2543, 3303, 3429, 4631, 4680, 4905, 5100, 5542, 5643, 6003, 6444, 6631, 6738, 6764, 6991, 7106, 7355, 7636, 8106, 8192, 8205, 8317, 8531, 8611, 8680, 14590, 14654
$C_6H_{14}O_2$	1,2-Dimethoxypropane. B.p., 92 288
$C_6H_{14}O_2$	2-Propoxyethanol. B.p., 151.35 289, 877, 1071, 1306, 1628, 1847, 1980, 2293, 2795, 2978, 3258, 3549, 3864, 4375, 4457, 5018, 5120, 5317, 6030, 6071, 6219, 6275, 6345, 6390, 6838, 7087, 7133, 7698, 8075, 8427, 8483, 8537, 8574, 8625, 8707, 8838-8902
$C_6H_{14}O_2$	2-(2-Methoxyethoxy)ethanol. B.p., 192.95 290, 2979, 3550, 3865, 4529, 5121, 5318, 5718, 6779, 7699, 8626, 8903-8967
$C_6H_{14}O_2$	1,1,2-Trimethoxyethane. B.p., 126 291
$C_6H_{14}S$	3-Methyl-1-butanethiol. B.p., 120 8969
$C_6H_{13}ClSiO$	2-Chloroethoxytrimethylsilane. B.p., 134.3 2796
$C_6H_{13}NO$	3-Ethoxypropylamine. 292
$C_6H_{14}SiO$	Ethoxytrimethylsilane. B.p., 75 3430, 8969, 14835
$C_6H_{14}SiO$	Methoxymethyltrimethylsilane. B.p., 83 1508

Formula	Name and System Nos.
$C_6H_3Cl_3$	1,3,5-Trichlorobenzene. B.p., 208.4 2065, 3551, 4458, 8218, 8970-9004
C_6H_4BrCl	<i>p</i> -Bromochlorobenzene. B.p., 196.4 1796, 2066, 2981, 3552, 4459, 5122, 6488, 8219, 9005-9028
$C_6H_4Br_2$	<i>o</i> -Dibromobenzene. B.p., 181.5 4030
$C_6H_4Br_2$	<i>p</i> -Dibromobenzene. B.p., 220.25 2028, 2067, 2980, 3553, 5123, 5319, 5812, 7516, 9029-9105
$C_6H_4ClNO_2$	<i>m</i> -Chloronitrobenzene. B.p., 235.5 2982, 3554, 5124, 5813, 7517, 9029, 9106-9130
$C_6H_4ClNO_2$	<i>o</i> -Chloronitrobenzene. B.p., 246.0 2983, 3555, 5125, 5814, 7518, 9131-9149
$C_6H_4ClNO_2$	<i>p</i> -Chloronitrobenzene. B.p., 239.1 2984, 3556, 5126, 5815, 7519, 7893, 9030, 9150-9179
$C_6H_4Cl_2$	<i>o</i> -Dichlorobenzene. B.p., 179.5 2029, 2068, 2797, 2985, 3557, 3866, 4406, 4460, 4530, 4805, 5127, 5320, 6141, 6310, 6346, 6489, 6780, 7700, 7917, 7962, 8220, 8345, 9180-9224
$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene. B.p., 174.4 1072, 1149, 1797, 2030, 2069, 2431, 2544, 2798, 2986, 3558, 3559, 3830, 3867, 4031, 4461, 4531, 4806, 5128, 5321, 6142, 6220, 6311, 6347, 6490, 6658, 6781, 7701, 7811, 7918, 7963, 8221, 8346, 8428, 8609, 8838, 9225-9291
C_6H_5Br	Bromobenzene. B.p., 156.1 878, 1073, 1150, 1798, 1848, 1981, 2031, 2070, 2294, 2432, 2545, 2799, 2930, 2987, 3560, 3831, 3868, 3972, 4244, 4462, 4532, 4807, 5019, 5038, 5129, 5322, 5644, 6031, 6114, 6143, 6221, 6276, 6312, 6348, 6391, 6491, 6659, 6839, 6840, 7167, 7356, 7442, 7702, 7856, 7865, 7919, 7964, 8222, 8347, 8429, 8484, 8627, 8708, 8839, 9180, 9292-9340, 14856, 14857, 14869, 14878-14881
C_6H_5BrO	<i>o</i> -Bromophenol. B.p., 194.8 2988, 5130, 6349, 9225, 9341-9366
C_6H_5Cl	Chlorobenzene. B.p., 131.8 293, 648, 879, 972, 1151, 1307, 1509, 2071, 2164, 2295, 2433, 2546, 2727, 2800, 2989, 3431, 3561, 3869, 3973, 4142, 4143, 4194, 4632, 4681, 4808, 5020, 5039, 5131, 5323, 5462, 5543, 5645, 5719, 6032, 6115, 6277, 6392, 6492, 6633, 6660, 6841, 7134, 7168, 7261, 7357, 7443, 7703, 7783, 7812, 7846, 7857, 7866, 8076, 8223, 8406, 8430, 8485, 8655, 8681, 8709, 8840, 9292, 9367-9396, 14503, 14504, 14591, 14815, 14816, 14817
C_6H_5ClO	<i>o</i> -Chlorophenol. B.p., 176.8 880, 1849, 1850, 1982, 2990, 3562, 6350, 6493, 8224, 8575, 9181, 9226, 9293, 9397-9431, 14882
C_6H_5ClO	<i>p</i> -Chlorophenol. B.p., 219.75 2991, 3563, 5132, 5793, 9031, 9432-9500
C_6H_5F	Fluorobenzene. B.p., 84.9 1152, 1365, 1510, 2547, 2801, 3304, 3432, 4633, 5544, 5646, 5953, 6445, 6632, 6765, 7107, 7169, 7296, 7358, 9501-9505
C_6H_5I	Iodobenzene. B.p., 188.55 1799, 3032, 2072, 2992, 3564, 3832, 3870, 4032, 4407, 4463, 4533, 5133, 5324, 6351, 6494, 6661, 6782, 7444, 7704, 7858, 7920, 7965, 8225, 8348, 8841, 9397, 8501, 9506-9556
$C_6H_5NO_2$	Nitrobenzene. B.p., 210.85 294, 649, 881, 973, 1226, 1511, 1800, 1851, 1935, 1983, 2033, 2073, 2296, 2548, 2993, 3433, 3565, 3871, 4033, 4041, 5056, 5134, 5325, 5816, 6009, 6783, 6918, 6992, 7002, 7170, 7262, 7325, 7520, 7894, 8059, 8652, 8654, 8903, 8970, 9032, 9182, 9294, 9367, 9506, 9557-9640, 14883
$C_6H_5NO_2$	<i>o</i> -Nitrophenol. B.p., 217.25 2994, 3566, 5135, 5326, 5794, 5981, 6411, 7521, 9033, 9341, 9557, 9641-9702
C_6H_6	Benzene. B.p., 80.1 84, 295, 566, 650, 651, 761, 824, 974, 1017, 1153, 1308, 1366, 1512, 1748, 1781, 1931, 2193, 2297, 2402, 2461, 2480, 2549, 2708, 2745, 2802, 2894, 2923, 3259, 3305, 3434, 3567, 3872, 3951, 3966, 3974, 4012, 4144, 4448, 4634, 4682, 4723, 4745, 4775, 4809, 4906, 4958, 4978, 5021, 5053, 5101, 5494, 5545, 5647, 5720, 5786, 5920, 5954, 6004, 6083, 6090, 6093, 6332, 6446, 6464, 6467, 6594, 6595, 6634, 6723, 6739, 6766, 6960, 6971, 7003, 7015, 7036, 7101, 7108, 7119, 7171, 7263, 7298, 7326, 7359, 7424, 7445, 7600, 7615, 7637, 7644, 7681, 7784, 8077, 8099, 8107, 8120, 8139, 8160, 8176, 8193, 8206, 8304, 8318, 8331, 8563, 8612, 8656, 8682, 8710, 8785, 8794, 8821, 8831, 8969, 9368, 9502, 9558, 9703-9726, 14541, 14563, 14573, 14592, 14610, 14617, 14640, 14655, 14670, 14695, 14703, 14710, 14739, 14759, 14785, 14802, 14803, 14831, 14835, 14836, 14853, 14866
C_6H_6O	Phenol. B.p., 182 296, 882, 1665, 1852, 1936, 1984, 2074, 2298, 2803, 2931, 2995, 2996, 3568, 3833, 3873, 3988, 4042, 4245, 4337, 4376, 4434, 4464, 4534, 4635, 5040, 5136, 5327, 5721, 5982, 6144, 6352, 6495, 6662, 6784, 6842, 7057, 7172, 7446, 7705, 7813, 7921, 7966, 8078, 8226, 8349, 8431, 8486, 8576, 8657, 8711, 8842, 8904, 8971, 9005, 9034, 9183, 9227, 9295, 9369, 9398, 9727- 9859, 14505, 14615, 14748, 14878, 14884

Formula	Name and System Nos.
$C_6H_6O_2$	Pyrocatechol. B.p., 245.9 2997, 3510, 5137, 5817, 7522, 8973, 9035, 9106, 9131, 9150, 9641, 9860-9927
$C_6H_6O_2$	Resorcinol. B.p., 281.4 2998, 3435, 5138, 5818, 9036, 9132, 9151, 9860, 9928-9965
$C_6H_6O_3$	Pyrogallol. B.p., 309 9928, 9966-9971
C_6H_6S	Benzenethiol. B.p., 169.5 2804, 8712, 9228, 9972-9977
C_6H_7N	Aniline. B.p., 184.35 59, 297, 883, 1154, 1666, 1853, 1985, 2299, 2550, 2999, 3571, 3874, 4377, 4535, 5139, 5795, 7173, 7814, 7967, 8060, 8079, 8713, 8843, 8905, 8974, 9006, 9184, 9229, 9296, 9370, 9399, 9508, 9703, 9727, 9978-10067, 14837, 14885-14892
C_6H_7N	2-Picoline. B.p., 134 298, 1155, 2558, 4810, 5722, 7174, 7785, 8080, 8714, 8795, 10068-10073
C_6H_7N	3-Picoline. B.p., 144. 299, 1156, 2552, 4811, 6033, 8715, 9400, 9728, 10074-10076
C_6H_7N	4-Picoline. B.p., 145.3 300, 1157, 2553, 4812, 6034, 9401, 9729, 10077, 10078
C_6H_8	1,3-Cyclohexadiene. B.p., 80.8 302, 652, 762, 975, 1158, 1513, 2554, 3306, 3436, 4636, 4683, 5546, 5648, 5955, 6447, 6635, 7016, 7175, 7299, 7360, 7645, 8683, 8716, 9704, 10079, 10080, 14542, 14593, 14618, 14641, 14656, 14704, 14711, 14723, 14804
C_6H_8	1,4-Cyclohexadiene. B.p., 85.6 301, 653, 1514, 2555, 3437, 5547, 7646, 9705, 14594
$C_6H_8N_2$	<i>o</i> -Phenylenediamine. B.p., 258.6 3000, 3572, 5140, 10081-10100
$C_6H_8N_2$	Phenylhydrazine. B.p., 243 303
$C_6H_8O_2$	Vinyl crotonate. B.p., 132.7 304
$C_6H_8O_4$	Methyl fumarate. B.p., 193.25 305, 2075, 5141, 5328, 6785, 7523, 8227, 8906, 9185, 9509, 9730, 10101-10133
$C_6H_8O_4$	Methyl maleate. B.p., 204.05 2076, 3001, 3573, 5142, 5329, 5819, 7524, 9560, 9642, 9731, 10101, 10134-10167
C_6H_9N	1-Ethylpyrrole (<i>N</i> -ethylpyrrole). B.p., 130.4 3774, 7176
C_6H_{10}	Biallyl. B.p., 60.2 976, 1159, 1310, 1515, 2361, 2663, 2709, 2895, 3438, 4637, 4746, 4776, 5459, 5548, 5787, 5921, 7027, 7327, 7674, 8064, 8702, 10168, 14543, 14595
C_6H_{10}	Cyclohexene. B.p., 82.75 306, 567, 654, 763, 825, 977, 1160, 1309, 1516, 1749, 2300, 2403, 2556, 2805, 3439, 3575, 4684, 4777, 5549, 5649, 6005, 6448, 6496, 6596, 6636, 6740, 6767, 7017, 7177, 7264, 7300, 7361, 7447, 7647, 8684, 8717, 8786, 8796, 9706, 10079, 10169, 10174, 14544, 14596, 14619, 14642, 14657, 14684, 14705, 14712, 14724, 14802
C_6H_{10}	2,3-Dimethyl-1,3-butadiene. B.p., 68.9 1517
C_6H_{10}	1-Hexyne. B.p., 70.2 3440, 14597
C_6H_{10}	3-Hexyne. B.p., 80.5 3441, 14598
C_6H_{10}	Methylcyclopentene. B.p., 75.85 764, 1518, 3442, 5650, 7301, 10176
C_6H_{10}	4-Methyl-1,3-pentadiene. 307
$C_6H_{10}O$	Allyl ether. B.p., 94.84 4685, 14620
$C_6H_{10}O$	Cyclohexanone. B.p., 155.6 884, 1854, 1986, 2728, 3002, 3875, 3956, 4246, 4378, 4465, 4536, 4813, 5330, 6145, 6278, 6393, 6497, 6597, 6663, 6843, 7706, 7867, 7922, 8228, 8432, 8577, 9297, 9371, 9732, 9980, 10177-10199, 14893
$C_6H_{10}O$	1-Hexene-5-one. B.p., 129 308, 8968
$C_6H_{10}O$	Mesityl oxide (4-methyl-3-penten-2-one). B.p., 129.5 309, 310, 885, 1629, 1987, 2301, 2557, 2729, 2806, 4024, 4145, 4195, 4338, 4814, 4907, 5723, 6035, 6116, 6279, 6844, 7058, 7178, 7448, 7786, 8081, 8407, 8538, 8578, 8718, 8797, 9372, 10200-10217
$C_6H_{10}O_2$	Crotonyl acetate. B.p., 129 311

Formula	Name and System Nos.
$C_6H_{10}O_2$	2,5-Hexadione. B.p., 191.3 3576, 10218-10222
$C_6H_{10}O_2$	Isopropyl acrylate. 1519
$C_6H_{10}O_2$	Propyl acrylate. 1520
$C_6H_{10}O_3$	Ethyl acetoacetate. B.p., 180.4 1667, 1855, 4247, 6313, 6353, 6498, 8229, 8350, 8975, 9007, 9186, 9230, 9298, 9510, 9733, 10223-10283, 14894-14896
$C_6H_{10}O_4$	Ethylidene diacetate. B.p., 168.5 886, 1074, 1668, 2807, 3003, 3577, 5143, 5331, 6222, 6499, 7968, 8230, 8487, 8844, 8907, 9187, 9299, 9734, 10284-10315
$C_6H_{10}O_4$	Ethyl oxalate. B.p., 185.65 1669, 1856, 2078, 3004, 3578, 3579, 3834, 4379, 4466, 4537, 5144, 5332, 5820, 6354, 6786, 7923, 7969, 8231, 8351, 9188, 9231, 9300, 9511, 9735, 9981, 10102, 10223, 10316-10380, 14885-14888, 14897
$C_6H_{10}O_4$	Glycol diacetate. B.p., 186.3 3005, 3580, 5145, 5821, 7970, 8232, 8352, 8908, 9512, 9736, 10103, 10381-10405
$C_6H_{10}O_4$	Methyl succinate. B.p., 195.5 1670, 2077, 3581, 5333, 9008, 9513, 9737, 10134, 10316, 10406-10445
$C_6H_{10}S$	Allyl sulfide. B.p., 139.35 887, 1161, 1311, 1630, 1988, 2558, 2730, 2808, 3006, 3876, 4025, 4093, 4196, 4339, 4815, 5105, 5334, 5724, 6036, 6117, 6280, 6500, 6476, 6919, 7179, 7362, 7787, 8082, 8233, 8408, 8539, 8564, 8658, 8719, 8845, 9301, 9373, 10071, 10074, 10200, 10446-10458
$C_6H_{11}BrO_2$	Ethyl α -bromoisobutyrate. B.p., 178 1857, 6501, 7971, 10459-10462
$C_6H_{11}ClO_2$	Butyl chloroacetate. B.p., 181.9 312, 3582, 5146, 7180, 8720, 9514, 10463-10470, 14685
$C_6H_{11}ClO_2$	Isobutyl chloroacetate. B.p., 174.4 313, 1858, 7363, 9302, 9515, 10471-10480, 14713
$C_6H_{11}N$	Capronitrile. B.p., 163.9 7449, 8083, 8721, 8846, 10481-10487
$C_6H_{11}N$	Diallylamine. B.p., 110.4 314
$C_6H_{11}NO_2$	Nitrocyclohexane. B.p., 205.3 3007, 3877, 5147, 6787, 8909, 9982, 10488-10497
C_6H_{12}	Cyclohexane. B.p., 80.75 85, 315, 568, 655, 765, 826, 978, 1162, 1312, 1367, 1521, 1750, 1782, 2165, 2194, 2302, 2404, 2481, 2559, 2809, 2924, 3307, 3443, 3583, 3878, 4146, 4432, 4449, 4638, 4686, 4718, 4778, 4816, 4908, 4923, 4959, 4979, 5022, 5041, 5054, 5102, 5550, 5651, 5725, 5922, 5956, 6084, 6327, 6333, 6449, 6502, 6598, 6637, 6741, 6768, 6936, 6961, 6972, 6993, 7018, 7037, 7109, 7120, 7181, 7265, 7302, 7364, 7450, 7601, 7616, 7638, 7648, 7668, 7682, 7788, 8084, 8108, 8121, 8140, 8161, 8177, 8194, 8207, 8319, 8332, 8613, 8659, 8685, 8722, 8798, 8822, 8832, 9374, 9503, 9707, 9983, 10080, 10169, 10498-10507, 14545, 14599, 14621, 14643, 14658, 14696, 14714, 14725, 14740, 14755, 14761, 14762, 14797, 14799, 14803, 14804, 14832, 14833, 14836, 14851, 14853
C_6H_{12}	Hexene. B.p., 68 1522, 4719, 14671, 14672, 14673
C_6H_{12}	Methylpentene. 14674-14676
C_6H_{12}	Methylcyclopentane. B.p., 72.0 656, 766, 827, 979, 980, 1057, 1163, 1313, 1368, 1523, 1751, 1783, 2195, 2362, 2405, 2482, 2560, 2664, 2710, 2810, 3260, 3308, 3444, 3584, 3879, 4450, 4639, 4687, 4747, 4909, 4960, 4980, 5551, 5652, 5923, 5957, 6006, 6599, 6638, 6724, 6742, 6769, 6973, 7019, 7028, 7110, 7121, 7182, 7266, 7303, 7365, 7425, 7617, 7662, 7669, 7675, 7683, 8141, 8320, 8614, 8686, 8703, 8723, 8799, 9504, 9708, 10508-10510
$C_6H_{12}O$	<i>trans</i> -2-Butenyl ethyl ether. B.p., 100.45 3446
$C_6H_{12}O$	<i>cis</i> -2-Butenyl ethyl ether. B.p., 100.3 3447
$C_6H_{12}O$	Butyl vinyl ether. B.p., 93.8 7183
$C_6H_{12}O$	Cyclohexanol. B.p., 160.65 316, 569, 888, 1314, 1671, 1859, 1989, 3008, 3585, 3946, 4147, 4197, 4248, 4340, 4380, 4538, 5148, 5335, 6051, 6146, 6223, 6224, 6281, 6600, 6845, 7707, 7815, 7924, 8026, 8433, 8579, 8628, 8847, 9189, 9232, 9303, 9402, 9516, 9709, 9738, 9984, 10177, 10446, 10481, 10511- 10576, 14856, 14858, 14859, 14862, 14879, 14880, 14898
$C_6H_{12}O$	2,2-Dimethyltetrahydrofuran. B.p., 90 317

Formula	Name and System Nos.
C ₆ H ₁₂ O	Ethyl methylallyl ether. B.p., 76.65 3445
C ₆ H ₁₂ O	2-Hexanone. B.p., 127 318, 2159, 2811, 4817, 5726, 6118, 6282, 7184, 7185, 7366, 8409, 8800, 10447, 10577-10579
C ₆ H ₁₂ O	3-Hexanone. B.p., 124 319, 570, 1631, 2812, 4148, 4198, 4818, 5023, 5727, 7059, 7186, 7367, 7451, 7790, 8410, 8540, 10580-10594
C ₆ H ₁₂ O	Isobutyl vinyl ether. B.p., 83.0 7368
C ₆ H ₁₂ O	4-Methyl-2-pentanone. B.p., 115.9 320, 768, 828, 1315, 1632, 2245, 2561, 2813, 3261, 4149, 4199, 4819, 5024, 5728, 6920, 7187, 7369, 7452, 7791, 8541, 8724, 8823, 10448, 10498, 10595-10610
C ₆ H ₁₂ O	2-Methyl-2-pentene-4-ol. 321, 14749
C ₆ H ₁₂ O	Pinacolone (3,3-dimethyl-2-butanone). B.p., 106 322, 767, 829, 1164, 1316, 2562, 2814, 4150, 5552, 5653, 6601, 6891, 6921, 7267, 7370, 7789, 8162, 8178, 8195, 8305, 8333, 8565, 8615, 9710, 10499, 10610-10618
C ₆ H ₁₂ O ₂	Amyl formate. B.p., 132 323, 8660, 14734
C ₆ H ₁₂ O ₂	Butyl acetate. B.p., 126.2 324, 1633, 1634, 2303, 2563, 2731, 2815, 3009, 3262, 3586, 4151, 4200, 4228, 4820, 5025, 5729, 7060, 7088, 7188, 7371, 7453, 7792, 7847, 7868, 8050, 8085, 8488, 8542, 8661, 8725, 8801, 8848, 9375, 10201, 10449, 10577, 10580, 10619-10635, 14564, 14686
C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate. B.p., 112.4 325, 7268
C ₆ H ₁₂ O ₂	Caproic acid. B.p., 205.15 1801, 2034, 2079, 3010, 4381, 5149, 8976, 9009, 9037, 9190, 9233, 9517, 9561, 10104, 10135, 10406, 10636-10693
C ₆ H ₁₂ O ₂	Ethyl butyrate. B.p., 119.9 86, 326, 1317, 1635, 2153, 2304, 2564, 3263, 3587, 4094, 4152, 4201, 5654, 5730, 6639, 7061, 7089, 7189, 7372, 7454, 7793, 8051, 8489, 8543, 8662, 8726, 8802, 9376, 10450, 10581, 10595, 10694-10708, 14810, 14839
C ₆ H ₁₂ O ₂	Ethyl isobutyrate. B.p., 110.1 327, 571, 1318, 1636, 1784, 1918, 2154, 2222, 2565, 3264, 3448, 4095, 4153, 4154, 4292, 4311, 4688, 5026, 5079, 5495, 5655, 5731, 6602, 6923, 7071, 7090, 7190, 7373, 8142, 8163, 8544, 8566, 8803, 9711, 10500, 10596, 10610, 10709-10718
C ₆ H ₁₂ O ₂	4-Hydroxy-4-methylpentanone. B.p., 166 328, 10719
C ₆ H ₁₂ O ₂	Isoamyl formate. B.p., 124.2 329, 1637, 2305, 2566, 2816, 3011, 3588, 4155, 4202, 4821, 5027, 5042, 5732, 6037, 6503, 7062, 7091, 7135, 7191, 7374, 7455, 7794, 7848, 7869, 8086, 8411, 8490, 8545, 8663, 8727, 10202, 10451, 10578, 10582, 10619, 10694, 10720-10725, 14743, 14812
C ₆ H ₁₂ O ₂	Isobutyl acetate. B.p., 117.2 330, 572, 1319, 1638, 1990, 2817, 3265, 4096, 4156, 4689, 5028, 5043, 5656, 5733, 6038, 6119, 6603, 7063, 7072, 7092, 7192, 7269, 7375, 7456, 7795, 8052, 8491, 8546, 8728, 8804, 10583, 10597, 10695, 10726-10736, 14715
C ₆ H ₁₂ O ₂	Isocaproic acid. B.p., 199.5 1860, 4382, 7972, 9191, 9234, 9518, 9739, 10136, 10224, 10317, 10407, 10737-10769
C ₆ H ₁₂ O ₂	Isopropyl propionate. B.p., 110.3 331, 10598, 10611
C ₆ H ₁₂ O ₂	Methyl isovalerate. B.p., 116.3 332, 573, 1320, 1639, 2223, 2246, 2818, 3449, 4157, 4312, 5553, 5657, 5734, 6120, 7073, 7093, 7193, 7270, 7376, 7457, 7708, 7796, 8547, 8687, 8805, 10584, 10599, 10696, 10709, 10726, 10770-10777
C ₆ H ₁₂ O ₂	Propyl propionate. B.p., 122.1 333, 1640, 2306, 2561, 2819, 3012, 4158, 4203, 4822, 5658, 5735, 7064, 7136, 7194, 7377, 7458, 7797, 8548, 8729, 10203, 10585, 10620, 10697, 10720, 10778-10780
C ₆ H ₁₂ O ₁	2,2-Dimethoxy-3-butanone. 334
C ₆ H ₁₂ O ₁	2-Ethoxyethyl acetate. B.p., 156.8 335, 1075, 1861, 1991, 3013, 3589, 3975, 4341, 4383, 4435, 4823, 5150, 5336, 5736, 5796, 6225, 6283, 6355, 6394, 6504, 6664, 6846, 7065, 7195, 7378, 7459, 7709, 7816, 7973, 8027, 8234, 8412, 8434, 8580, 8629, 8730, 8849, 9235, 9304, 9740, 10284, 10318, 10381, 10621, 10781-10832
C ₆ H ₁₂ O ₁	Ethyl α -hydroxyisobutyrate. B.p., 150 9741
C ₆ H ₁₂ O	Isopropyl lactate. B.p., 166.9 6226, 9742, 10511, 10781, 10833-10841

Formula	Name and System Nos.
$C_6H_{12}O_2$	Paraldehyde. B.p., 124 336, 1641, 2307, 2462, 2820, 3590, 4204, 5659, 5737, 6665, 7137, 7196, 7460, 7690, 8087, 8413, 8549, 8664, 8731, 8806, 8850, 9377, 10204, 10512, 10622, 10698, 10721, 10727, 10770, 10842-10850, 14812
$C_6H_{12}O_2$	Propyl lactate. B.p., 171.7 1862, 3014, 4468, 5151, 6227, 6356, 7710, 8851, 9236, 9743, 10178, 10513, 10851-10887, 14845, 14846, 14899, 14900
$C_6H_{12}O_3$	Trioxane. B.p., 114.5 337
$C_6H_{11}Br$	1-Bromohexane. B.p., 156.5 2568, 2821, 3015, 3591, 3835, 4469, 4824, 5152, 5337, 6147, 6228, 6284, 6357, 6395, 6505, 6661, 7197, 7379, 7974, 8235, 8353, 8492, 8630, 9744, 10319, 10514, 10782, 10888-10898
$C_6H_{11}ClO_2$	Chloroacetal. B.p., 157.4 5338, 6052, 6148, 6667, 8435, 9305, 9403, 10179, 10515, 10899-10921, 14881
C_6H_{14}	2,2-Dimethylbutane. B.p., 49.7 2665, 3809, 5924, 5935, 8065, 14827
C_6H_{14}	2,3-Dimethylbutane. B.p., 58.0 769, 981, 1058, 1165, 1321, 1369, 1524, 2196, 2363, 2569, 2666, 2676, 2711, 2896, 3450, 3592, 3827, 4080, 4640, 4690, 4748, 4779, 4961, 4981, 5460, 5477, 5554, 5660, 5788, 5925, 5936, 5959, 5967, 6450, 6640, 6770, 7020, 7029, 7271, 7304, 7328, 7663, 7676, 8066, 8688, 8704, 8732, 10168
C_6H_{14}	Hexane. B.p., 68.95 338, 657, 770, 830, 982, 1059, 1166, 1227, 1322, 1370, 1525, 1752, 1785, 2197, 2308, 2364, 2406, 2570, 2667, 2677, 2712, 2746, 2822, 2897, 2925, 3309, 3451, 3593, 3880, 3965, 4013, 4313, 4641, 4691, 4720, 4749, 4780, 4910, 4924, 4962, 4982, 4983, 5000, 5461, 5478, 5555, 5661, 5789, 5926, 5937, 5959, 6007, 6091, 6451, 6470, 6641, 6725, 6743, 6771, 6974, 6994, 7004, 7021, 7030, 7111, 7122, 7198, 7272, 7305, 7329, 7380, 7426, 7649, 7664, 7677, 7684, 8100, 8122, 8143, 8179, 8196, 8208, 8209, 8321, 8334, 8616, 8665, 8689, 8705, 8733, 8787, 8807, 8824, 8833, 9505, 9562, 9712, 9985, 10171, 10176, 10501, 10408, 10612, 10923-10926, 14546, 14600, 14622, 14644, 14659, 14677, 14697, 14707, 14716, 14783, 14784, 14798, 14834, 14849
C_6H_{14}	2-Methylpentane. B.p., 60.4 80, 5927, 5938, 5960, 7665, 14678
C_6H_{14}	3-Methylpentane. B.p., 63.3 79, 5928, 5939, 5961, 7666, 14679
$C_6H_{14}O$	Amyl methyl ether. B.p., 100 30
$C_6H_{14}O$	<i>tert</i> -Amyl methyl ether. B.p., 86 339, 1526, 7273, 8808
$C_6H_{14}O$	<i>tert</i> -Butyl ethyl ether. B.p., 73 340, 3452, 7274, 8809, 14645, 14698
$C_6H_{14}O$	2-Ethyl-1-butanol. B.p., 148.9 341, 10927
$C_6H_{14}O$	Ethyl isobutyl ether. B.p., 79 7381
$C_6H_{14}O$	Hexyl alcohol. b.p., 157.85 342, 574, 889, 1323, 1863, 1992, 2309, 3016, 3594, 4159, 4205, 4249, 4342, 4470, 4539, 5153, 5339, 6053, 6072, 6149, 6229, 6285, 6358, 6847, 7066, 7330, 7711, 7817, 8078, 8436, 8493, 8581, 8631, 8852, 9192, 9237, 9306, 9378, 9519, 9563, 9713, 9745, 9986, 10180, 10285, 10452, 10482, 10516, 10783, 10833, 10842, 10852, 10888, 10889, 10928-10981
$C_6H_{14}O$	Isopropyl ether. B.p., 69 31, 343, 983, 1753, 2365, 2407, 2823, 2926, 4314, 4452, 4642, 4984, 5556, 5929, 6008, 6975, 6995, 7022, 7639, 8834, 9714, 10509, 10923, 10928, 14616, 14699
$C_6H_{14}O$	Propyl ether. B.p., 90.7 344, 658, 831, 1018, 1527, 2408, 2420, 2511, 2824, 3310, 3453, 4315, 4643, 4692, 4825, 4911, 5103, 5557, 5662, 5738, 6212, 6336, 6452, 6642, 6744, 6772, 6892, 6924, 6996, 7038, 7112, 7199, 7275, 7306, 7382, 7640, 7798, 8046, 8144, 8164, 8180, 8210, 8306, 8322, 8335, 8567, 8605, 8617, 8825, 9715, 10172, 10502, 10981-10986, 14660
$C_6H_{14}O_2$	Acetal (acetaldehyde diethyl acetal). B.p., 103.6 345, 575, 659, 832, 1019, 1324, 1528, 1754, 2224, 2247, 2572, 3311, 3454, 3595, 4293, 4644, 4912, 5080, 5496, 5558, 5559, 5663, 6453, 6773, 6962, 7200, 7383, 7641, 8145, 8165, 8181, 8197, 8211, 8307, 8323, 8336, 8532, 8568, 8618, 9716, 10173, 10503, 10613, 10710, 10728, 10771, 10987-10994, 14601
$C_6H_{14}O_2$	2-Butoxyethanol. B.p., 171.2 346, 890, 1076, 1642, 1864, 1993, 2310, 2732, 2825, 3017, 3596, 3881, 4384, 4471, 4540, 5154, 5340, 6073, 6150, 6230, 6359, 6788, 6848, 7712, 7818, 8437, 8582, 8632, 9010, 9193, 9238, 9307, 9379, 9520, 9564, 9746, 9987, 10105, 10286, 10320, 10382, 10483, 10517, 10784, 10853, 10889, 10929, 10995-11054

Formula	Name and System Nos.
$C_6H_{14}O_2$	1,2-Diethoxyethane. B.p., 123 347, 7461
$C_6H_{14}O_2$	Ethoxypropoxymethane. B.p., 113.7 348, 3455, 5497, 5664, 8182, 8337, 10711, 14602, 14661
$C_6H_{14}O_2$	Pinacol (2,3-dimethyl-2,3-butanediol). B.p., 174.35 349, 1865, 3018, 3597, 4472, 5155, 5341, 6054, 6151, 8583, 8853, 9239, 9308, 9380, 9565, 9643, 9747, 9988, 10287, 10854, 10900, 11055-11087
$C_6H_{14}O_2$	Dipropylene glycol. B.p., 229.2 4408, 9107, 9152, 9644, 9861, 11088-11110
$C_6H_{14}O_2$	2-(2-Ethoxyethoxy)ethanol. B.p., 261.9 5342, 9748, 9989, 11111-11131
$C_6H_{14}O_4$	Triethylene glycol. B.p., 288.7 350, 5822, 9133, 11132-11156
$C_6H_{14}S$	Isopropyl sulfide. B.p., 120.5 576, 891, 1027, 1167, 1325, 1529, 2160, 2421, 2573, 2733, 2826, 3266, 3456, 4098, 4160, 5343, 5560, 6039, 6122, 6396, 6893, 6925, 7201, 7384, 7799, 8146, 8338, 8550, 10586, 10600, 10699, 10712, 10729, 10987, 11157-11160
$C_6H_{14}S$	Propyl sulfide. B.p., 141.5 1168, 1326, 1994, 2574, 2827, 3882, 4097, 4206, 4826, 5156, 6040, 6055, 6231, 6286, 6397, 6506, 6849, 7138, 7202, 7385, 7462, 7713, 7870, 8053, 8236, 8354, 8734, 8810, 9309, 9381, 10072, 10181, 10623, 11161-11165
$C_6H_{15}BO_3$	Ethyl borate. B.p., 118.6 1643, 4099, 6604, 7094, 7203, 7386, 8551, 8735, 10587, 10700, 10730, 10843, 11166-11169
$C_6H_{15}N$	Diisopropylamine. B.p., 83.86 351
$C_6H_{15}N$	3,3-Dimethyl-1-butylamine. B.p., 112.8 352
$C_6H_{15}N$	Dipropylamine. B.p., 109.2 6094, 6454, 8147, 10588, 10601, 10614, 10981, 10988, 11170-11174
$C_6H_{15}N$	Isohexylamine. 11175-11177
$C_6H_{15}N$	Triethylamine. B.p., 89.4 353, 771, 984, 1530, 2575, 3457, 4426, 4645, 6455, 7331, 8109, 8706, 8835, 9717, 10510 10924, 10982, 10989, 11178, 11179, 14603
$C_6H_{15}NO$	2-Diethylaminoethanol. B.p., 162 354, 1327, 3019, 7463, 8854, 9718, 9990, 10488, 10995, 11180-11191
$C_6H_{15}NO$	3-Isopropoxypropylamine. B.p., 147 355
$C_6H_{16}SiO$	Ethoxymethyltrimethylsilane. B.p., 102 3458
$C_6H_{16}O_2Si$	Diethoxydimethylsilane. B.p., 114 3459
$C_6H_{16}Si_2O$	Hexamethyldisiloxane. B.p., 100 5976
C_7F_{16}	Perfluoroheptane. B.p., 81.6
$C_7H_7Cl_3$	α, α, α -Trichlorotoluene (phenyl chloroform). B.p., 220.9 3020, 3598, 5157, 9038, 9108, 9566, 11192-11217
C_7H_7N	Benzonitrile. B.p., 191.3 3599, 4385, 5344, 8910, 9011, 9240, 9521, 9749, 9991, 10321, 10408, 10996, 11218-11249
C_7H_7NO	Phenyl isocyanate. B.p., 162.8 11250, 11251
$C_7H_7Cl_2$	α, α -Dichlorotoluene. B.p., 205.2 2080, 3021, 3600, 6507, 6668, 8237, 9567, 9750, 9862, 10225, 10409, 10636, 11252-11282
C_7H_6O	Benzaldehyde. B.p., 179.2 1672, 1866, 2081, 3022, 3601, 3960, 4386, 4473, 4827, 5158, 6014, 6360, 6508, 6669, 7819, 7925, 8238, 8355, 8855, 9194, 9241, 9522, 9568, 9751, 9992, 10322, 10459, 10489, 10518, 10737, 10785, 10855, 10930, 10997, 11283-11341, 14873, 14901, 14902
$C_7H_6O_2$	Benzoic acid. B.p., 250.5 3023, 4043, 4646, 5159, 8977, 9039, 9134, 9153, 9863, 10226, 11252, 11342-11389
$C_7H_6O_2$	Salicylaldehyde. B.p., 196.7 8356, 10738
C_7H_7Br	α -Bromotoluene. B.p., 198.5 2082, 4034, 6509, 6670, 7975, 8239, 8240, 8357, 9404, 9752, 9993, 10106, 10137, 10227, 10410, 10637, 10227, 10410, 10637, 10739, 11390-11412
C_7H_7Br	<i>m</i> -Bromotoluene. B.p., 184.3 2035, 2083, 2828, 3024, 3602, 3836, 3883, 4474, 4541, 4828, 5161, 5345, 6152, 6510, 6789, 7976, 8241, 8358, 9523, 9753, 9994, 10107, 10228, 10288, 10323, 10411, 10519, 10740, 11218, 11283, 11413-11432

Formula	Name and System Nos.
C ₇ H ₇ Br	<i>o</i> -Bromotoluene. B.p., 181.45 1803, 1937, 2036, 2084, 2829, 3025, 3603, 3837, 3884, 4409, 4475, 4542, 4829, 5160, 5346, 6153, 6314, 6361, 6511, 6671, 7714, 7715, 7871, 7977, 8242, 8359, 9405, 9569, 9754, 9995, 10108, 10229, 10289, 10324, 10383, 10412, 10463, 10520, 10638, 10741, 10856, 10931, 10998, 11284, 11433, 11219, 11433-11471, 14813, 14882, 14884, 14885, 14889, 14890, 14894, 14897
C ₇ H ₇ Br	<i>p</i> -Bromotoluene. B.p., 185 1673, 2085, 2830, 3026, 3604, 3838, 4476, 4543, 5162, 5347, 6154, 6512, 7978, 8243, 8360, 9342, 9406, 9755, 9996, 10230, 10324, 10384, 10413, 10521, 10639, 10742, 11285, 11220, 11221, 11285, 11471-11497, 14886
C ₇ H ₇ BrO	<i>o</i> -Bromoanisole. B.p., 217.7 3027, 5163, 7525, 9040, 9645, 9864, 10640, 11088, 11498-11505
C ₇ H ₇ BrO	<i>p</i> -Bromoanisole. B.p., 217.7 11506-11508
C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene. B.p., 179.3 1804, 2086, 2576, 3028, 3605, 3839, 4477, 4544, 4830, 5057, 6155, 6513, 6672, 7716, 7859, 7926, 7979, 8244, 8361, 9407, 9570, 9756, 9997, 10109, 10231, 10290, 10326, 10460, 10522, 10641, 10743, 10857, 10932, 11286, 11433, 11509-11547, 14814, 14845, 14847, 14873, 14875-14877, 14895, 14899, 14901-14905
C ₇ H ₇ Cl	<i>m</i> -Chlorotoluene. B.p., 162.3 10642
C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene. B.p., 159.2 1077, 1169, 1805, 1867, 2087, 2577, 2831, 2932, 3029, 3606, 3885, 3976, 4250, 4478, 4545, 4831, 5164, 5348, 6041, 6156, 6232, 6287, 6515, 6673, 7464, 7717, 7872, 7927, 7980, 8029, 8245, 8362, 8438, 8494, 8633, 8736, 8856, 9310, 9408, 9757, 9998, 10182, 10232, 10327, 10523, 10643, 10744, 10786, 10858, 10933, 10999, 11055, 11287, 11548-11570
C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene. B.p., 163.5 356, 1170, 1868, 2088, 2578, 2832, 3030, 3607, 3840, 3886, 3977, 4387, 4479, 4832, 5349, 6157, 6233, 6315, 6362, 6516, 6674, 6790, 7465, 7718, 7873, 7928, 7981, 8030, 8246, 8363, 8439, 8634, 8737, 8857, 9758, 9972, 9999, 10183, 10233, 10291, 10328, 10471, 10524, 10634, 10745, 10787, 10859, 10934, 11000, 11056, 11222, 11288, 11571-11600
C ₇ H ₇ ClO	<i>m</i> -Chloroanisole. B.p., 193.3 5350, 5983, 7719, 11601, 11602
C ₇ H ₇ ClO	<i>o</i> -Chloroanisole. B.p., 195.7 3031, 5165, 5353, 6412, 9759, 11001, 11289, 11603
C ₇ H ₇ ClO	<i>p</i> -Chloroanisole. B.p., 197.8 3032, 5166, 5984, 9343, 9646, 11604-11611
C ₇ H ₇ I	<i>p</i> -Iodotoluene. B.p. 214.5 1806, 2037, 2089, 3033, 3608, 4410, 5167, 5352, 8364, 9571, 9647, 9760, 9865, 10645, 11498, 11612-11642
C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene. B.p., 230.8 3034, 3609, 5168, 5353, 5823, 7526, 7895, 9041, 9109, 9866, 10081, 11192, 11342, 11643-11685
C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene. B.p., 221.75 3035, 3610, 3887, 4044, 5169, 5354, 5824, 6010, 7527, 7896, 8911, 8978, 9042, 9648, 9867, 10000, 10646, 11089, 11193, 11253, 11343, 11612, 11686-11745
C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene. B.p., 238.9 3036, 3611, 5170, 5355, 5825, 7528, 7897, 9043, 9110, 9135, 9154, 9868, 9929, 10082, 10647, 11090, 11194, 11344, 11746-11784
C ₇ H ₈	Toluene. B.p., 110.7 87, 357, 577, 660, 772, 892, 985, 1020, 1028, 1171, 1328, 1531, 1644, 1786, 1995, 2198, 2248, 2310, 2408, 2422, 2434, 2463, 2579, 2833, 2933, 3037, 3267, 3312, 3460, 3612, 3978, 4100, 4161, 4207, 4294, 4316, 4480, 4546, 4647, 4693, 4833, 4913, 5029, 5081, 5171, 5356, 5467, 5498, 5561, 5665, 5739, 5826, 6042, 6085, 6158, 6328, 6457, 6517, 6605, 6606, 6612, 6643, 6675, 6774, 6850, 6894, 6926, 7067, 7074, 7095, 7139, 7204, 7276, 7307, 7332, 7387, 7466, 7515, 7602, 7720, 7800, 7849, 7860, 8054, 8088, 8123, 8148, 8166, 8183, 8198, 8212, 8247, 8308, 8324, 8339, 8414, 8440, 8495, 8552, 8558, 8606, 8619, 8666, 8691, 8738, 8788, 8811, 8826, 8858, 9311, 9382, 9572, 9719, 9761, 10001, 10075, 10077, 10205, 10504, 10525, 10589, 10602, 10615, 10624, 10701, 10713, 10722, 10731, 10772, 10778, 10844, 10935, 10983, 10990, 11057, 11157, 11166, 11170, 11175, 11180, 11785-11804, 14547, 14568, 14604, 14622, 14647, 14662, 14667, 14717, 14741, 14756, 14819, 14838, 14840, 14850, 14867, 14868, 14906
C ₇ H ₈ O	Anisole (methoxybenzene). B.p., 153.85 358, 893, 1869, 1996, 2435, 2580, 2834, 3038, 3613, 3888, 3947, 3957, 3979, 4251, 4343, 4481, 4834, 5030, 5357, 5740, 6056, 6123, 6159, 6234, 6288, 6398, 6518, 6676, 6851, 7205, 7467, 7721, 7820, 7874, 7929, 7982, 8031, 8248, 8365, 8441, 8496, 8584, 8635, 8739, 8859, 9312, 9762, 10002, 10184, 10234, 10292, 10329, 10526, 10788, 10860, 10901, 10936, 11002, 11058, 11181, 11290, 11548, 11571, 11805-11833, 14870, 14893, 14898
C ₇ H ₈ O	Benzyl alcohol. B.p., 205.2 359, 1674, 3039, 3614, 4388, 4547, 5058, 5172, 5358, 6413, 6791, 7529, 8912, 8979, 9012, 9044, 9155, 9195, 9242, 9524, 9573, 9649, 9763, 10003, 10138, 11091, 11195, 11223, 11254, 11413, 11434, 11471, 11509, 11613, 11643, 11686, 11746, 11834-11902, 14883, 14891

Formula	Name and System Nos.
C ₇ H ₈ O	<i>m</i> -Cresol. B.p., 202.2 1675, 1807, 1938, 2090, 3040, 3615, 3616, 3841, 5173, 5359, 5985, 6792, 7527, 7667, 8497, 8980, 9045, 9136, 9196, 9574, 9650, 9764, 10004, 10110, 10139, 10218, 10330, 10385, 10648, 10789, 10861, 11003, 11059, 11111, 11224, 11255, 11291, 11435, 11472, 11499, 11614, 11687, 11834, 11903-11972
C ₇ H ₈ O	<i>o</i> -Cresol. B.p., 191.1 894, 1676, 1808, 1870, 1939, 2091, 3041, 3617, 3889, 3989, 4252, 4389, 4482, 4548, 5174, 5360, 5827, 6793, 6852, 7983, 8249, 8366, 8442, 8498, 8860, 8913, 9344, 9409, 9525, 9575, 9651, 9765, 10005, 10111, 10140, 10235, 10293, 10331, 10386, 10414, 10527, 10649, 10746, 10790, 10834, 10862, 10890, 10937, 11004, 11060, 11112, 11182, 11225, 11256, 11292, 11390, 11414, 11436, 11473, 11510, 11549, 11572, 11603, 11615, 11835, 11903, 11973-12057
C ₇ H ₈ O	<i>p</i> -Cresol. B.p., 201.7 1678, 1809, 2038, 2092, 3042, 3618, 3619, 3890, 4045, 5059, 5175, 5361, 5797, 5828, 5986, 6794, 7531, 7984, 8367, 8499, 8914, 8982, 9014, 9047, 9198, 9244, 9345, 9526, 9576, 9652, 9766, 10006, 10112, 10141, 10219, 10332, 10387, 10415, 10650, 10651, 10747, 10791, 10835, 10863, 11005, 11061, 11092, 11113, 11226, 11257, 11293, 11391, 11437, 11474, 11616, 11836, 11904, 11973, 12058-12147
C ₇ H ₈ O ₂	Guaiacol (<i>o</i> -methoxyphenol). B.p., 205.05 1810, 1940, 2039, 2093, 3043, 3620, 4035, 5176, 5829, 5987, 6795, 8915, 9048, 9447, 9577, 10007, 10142, 10652, 10748, 11196, 11837, 11905, 12058, 12148-12187
C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol. B.p., 214.7 360, 3044, 3621, 5177, 5798, 9049, 9869, 10083, 11345, 12188-12204
C ₇ H ₈ S	α -Toluenethiol. B.p., 194.8 12205
C ₇ H ₉ N	Benzylamine. B.p., 185.0 8861, 8916, 9578, 9767, 10008, 11006, 11906, 11974, 12059, 12206-12213
C ₇ H ₉ N	2,6-Lutidine (2,6-dimethylpyridine). B.p., 144 361, 1172, 2581, 4835, 9410, 9768, 11785, 12214-12217
C ₇ H ₉ N	Methylaniline. B.p., 196.25 3045, 3622, 3891, 5178, 5799, 8862, 8917, 8983, 9199, 9245, 9527, 9579, 9769, 10333, 10490, 11007, 11183, 11227, 11258, 11392, 11415, 11688, 11838, 11907, 11975, 12060, 12148, 12218-12245
C ₇ H ₉ N	<i>m</i> -Toluidine. B.p., 203.1 3046, 3623, 5179, 8984, 9050, 9528, 9580, 9770, 10491, 11438, 11617, 11839, 11908, 11976, 12061, 12149, 12246-12263
C ₇ H ₉ N	<i>o</i> -Toluidine. B.p., 200.35 3047, 3624, 3892, 5180, 9015, 9051, 9529, 9581, 9771, 10492, 11197, 11228, 11259, 11416, 11439, 11475, 11618, 11840, 11909, 11977, 12062, 12150, 12218, 12264-12287
C ₇ H ₉ N	<i>p</i> -Toluidine. B.p., 200.55 3048, 3625, 5181, 8985, 9016, 9052, 9530, 9582, 9772, 11260, 11393, 11440, 11476, 11619, 11690, 11841, 11910, 11978, 12063, 12151, 12288-12300
C ₇ H ₉ NO	<i>o</i> -Anisidine (<i>ar</i> -methoxyaniline). B.p., 219.0 3626, 9053, 9111, 9583, 9653, 11620, 11644, 11842, 11979, 12064, 12301-12313
C ₇ H ₁₀	Methylcyclohexadiene. 14726
C ₇ H ₁₂	1-Heptyne. B.p., 99.5 3461, 14605
C ₇ H ₁₂	5-Methyl-1-hexyne. B.p., 90.8 3462
C ₇ H ₁₂ O	Methylcyclohexanone. B.p., 165.0 2582
C ₇ H ₁₂ O ₄	Ethyl malonate. B.p., 198.9 40, 1679, 3627, 5362, 7532, 8986, 9017, 9531, 9584, 9773, 10113, 10143, 10415, 10653, 10749, 10750, 11229, 11261, 11394, 11477, 11621, 11980, 12065, 12152, 12264, 12314-12349
C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate. B.p., 195.2 362, 2094, 3049, 3628, 6796, 8250, 8368, 8740, 8918, 10334, 10654, 11008, 11843, 12350-12357, 14744
C ₇ H ₁₄	1,1-Dimethylcyclopentane. B.p., 87.84 3463, 7618, 7650, 14727
C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane. B.p., 99.53 3464, 7603, 7651
C ₇ H ₁₄	<i>trans</i> -1,2-Dimethylcyclopentane. 3465, 14728
C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane. B.p., 90.77 1532, 3466, 7605, 7619, 7652, 14729
C ₇ H ₁₄	Ethylcyclopentane. B.p., 103.45 3467, 7604, 7653, 11786
C ₇ H ₁₄	Heptene. 7206, 12358

Formula	Name and System Nos.
C ₇ H ₁₄	Methylcyclohexane. B.p., 101.15 88, 89, 363, 578, 773, 833, 986, 1021, 1173, 1329, 1533, 1755, 1787, 2155, 2199, 2225, 2410, 2583, 2835, 3050, 3268, 3313, 3468, 3469, 3629, 3893, 4102, 4162, 4208, 4295, 4317, 4483, 4549, 4648, 4694, 4836, 4914, 4925, 5082, 5104, 5500, 5562, 5599, 5666, 4571, 6086, 6100, 6329, 6334, 6458, 6519, 6607, 6644, 6745, 6775, 6927, 6963, 7039, 7113, 7207, 7277, 7308, 7388, 7468, 7606, 7642, 7654, 7801, 8124, 8149, 8167, 8184, 8199, 8213, 8309, 8325, 8340, 8443, 8569, 8607, 8620, 8667, 8692, 8741, 8789, 8812, 8827, 8836, 9383, 10009, 10174, 10206, 10505, 10528, 10603, 10616, 10702, 10714, 10773, 10938, 10984, 10991, 11062, 11158, 11167, 11178, 11787, 12359-12362, 14606, 14730, 14843, 14850, 14906
C ₇ H ₁₄ O	2,4-Dimethyl-3-pentanone. B.p., 124 4229
C ₇ H ₁₄ O	Heptaldehyde. B.p., 155 1871, 1997, 3958, 4253
C ₇ H ₁₄ O	2-Heptanone. B.p., 149 364, 2584, 3959, 4223, 10792
C ₇ H ₁₄ O	4-Heptanone. B.p., 143 365, 895, 1998, 2312, 2734, 2836, 3051, 3894, 4026, 4209, 4344, 6289, 6399, 6677, 6853, 8585, 8668, 8742, 8863, 9384, 10453, 10902, 12363-12375
C ₇ H ₁₄ O	Isoamyl vinyl ether. B.p., 112.6 8743
C ₇ H ₁₄ O	2-Methylcyclohexanol. B.p., 168.5 366, 579, 896, 3052, 4163, 4550, 5363, 6015, 6160, 6235, 6290, 6363, 7722, 7821, 8444, 8586, 8636, 9246, 9654, 9774, 10010, 10185, 10294, 10335, 10793, 10836, 10864, 11009, 11511, 11550, 11573, 11788, 11806, 11981, 12066, 12376-12403
C ₇ H ₁₄ O	3-Methylcyclohexanol. B.p., 172 12404
C ₇ H ₁₄ O	5-Methyl-2-hexanone. B.p., 144.2 2837, 3053, 4345, 6520, 6678, 7469, 7875, 8445, 8500, 8744, 8864, 10794, 10939, 11161, 12405-12414
C ₇ H ₁₄ O ₂	Amyl acetate. B.p., 148.8 367, 897, 1872, 1999, 2585, 2838, 3054, 3630, 4224, 4346, 5364, 7470, 8501, 8588, 8669, 12415-12421, 14735
C ₇ H ₁₄ O ₂	<i>sec</i> -Amyl acetate. B.p., 133.5 368
C ₇ H ₁₄ O ₂	Butyl propionate. B.p., 146.8 369, 1078, 2000, 2735, 3055, 3631, 4347, 6291, 6400, 6854, 7208, 7876, 8865, 11807, 12363, 12405, 12415, 12422-12428
C ₇ H ₁₄ O ₂	Enanthic acid. B.p., 222.0 371, 2040, 3056, 4046, 7898, 9054, 9112, 9137, 9585, 11417, 11512, 11622, 11645, 11691, 11911, 12067, 12429-12453
C ₇ H ₁₄ O ₂	Ethyl isovalerate. B.p., 134.7 372, 898, 1645, 2001, 2313, 2586, 3057, 3632, 4103, 4210, 4348, 4837, 5044, 6124, 6292, 6401, 6856, 7068, 7096, 7209, 7389, 7471, 7850, 7877, 8089, 8415, 8502, 8553, 8589, 8745, 8866, 9385, 10207, 10795, 10845, 11162, 12454-12460
C ₇ H ₁₄ O ₂	Ethyl valerate. B.p., 145.45 373, 899, 1873, 3058, 3633, 4349, 4838, 6293, 6857, 8503, 8590, 8746, 8867, 9314, 12364, 12461-12465
C ₇ H ₁₄ O ₂	Isoamyl acetate. B.p., 142.1 374, 900, 1874, 2002, 2314, 2587, 2736, 2839, 3059, 3634, 4104, 4350, 4839, 5045, 5742, 6043, 6125, 6294, 6679, 6858, 7097, 7210, 7390, 7472, 8090, 8504, 8554, 8587, 8747, 9200, 9315, 9386, 9411, 10703, 10796, 10891, 11808, 12365, 12406, 12416, 12461, 12466-12478, 14607, 14745
C ₇ H ₁₄ O ₂	Isobutyl propionate. 375, 901, 1646, 2003, 2315, 2840, 3060, 3635, 4211, 4351, 5743, 6295, 6402, 6855, 7069, 7211, 7391, 7473, 7861, 8055, 8091, 8591, 8748, 8868, 9387, 10208, 10846, 12366, 12407, 12466, 12479-12484
C ₇ H ₁₄ O ₂	Isopropyl butyrate. B.p., 128 4230
C ₇ H ₁₄ O ₂	Isopropyl isobutyrate. B.p., 120.8 376, 1647, 4105, 7098, 7212, 7392, 8555, 11789
C ₇ H ₁₄ O ₂	Methyl caproate. B.p., 149.8 377, 1875, 2004, 3636, 4840, 6859, 7474, 8446, 8593, 8637, 9316, 10186, 10529, 11551, 12486-12490
C ₇ H ₁₄ O ₂	Propyl butyrate. B.p., 142.8 378, 1876, 2005, 2841, 3061, 3637, 3948, 4106, 4352, 4841, 6296, 6403, 6680, 6860, 7213, 7475, 8505, 8592, 8749, 9317, 9388, 10797, 10940, 11809, 12367, 12408, 12417, 12423, 12467, 12491-12498, 14865

Formula	Name and System Nos.
C ₇ H ₁₄ O ₂	Propyl isobutyrate. B.p., 133.9 379, 1648, 2316, 2588, 2842, 3638, 4107, 4212, 4353, 6044, 6861, 7099, 7214, 7393, 7862, 7878, 8416, 8594, 8670, 8750, 10209, 10579, 10625, 10847, 12499-12505
C ₇ H ₁₄ O ₂	1,3-Butanediol methyl ether acetate. B.p., 171.75 380, 1877, 2006, 3063, 3639, 4390, 5182, 5365, 5800, 6236, 6364, 6521, 6681, 6797, 7476, 7723, 7822, 8251, 8369, 8595, 8638, 8869, 9201, 9248, 9318, 9776, 10295, 10336, 10388, 10530, 10941, 11010, 11441, 11574, 11601, 11810, 11982, 12063, 12506-12531
C ₇ H ₁₄ O ₂	2,2-Dimethoxy-3-pentanone. B.p., 162.5 381
C ₇ H ₁₄ O ₂	Isobutyl lactate. B.p., 182.15 3063, 5183, 8919, 9247, 9532, 9775, 10011, 10493, 11011, 11294, 11418, 11442, 11478, 11513, 11912, 11983, 12069, 12350, 12376, 12532-12551, 14903, 14904, 14907, 14908
C ₇ H ₁₆	2,2-Dimethylpentane. B.p., 79.1 3470, 5930, 7620, 7655, 9720
C ₇ H ₁₆	2,3-Dimethylpentane. B.p., 89.79 3471, 7607, 7621, 7656, 9721
C ₇ H ₁₆	2,4-Dimethylpentane. B.p., 80.8 3472, 5931, 7622, 7657, 9722, 12552
C ₇ H ₁₆	3,3-Dimethylpentane. B.p., 86.0 3473
C ₇ H ₁₆	3-Ethylpentane. B.p., 93.5 3474
C ₇ H ₁₆	Heptane. B.p., 98.4 382, 580, 661, 774, 834, 987, 1022, 1174, 1330, 1371, 1534, 1756, 1788, 2200, 2249, 2317, 2411, 2412, 2423, 2589, 2713, 2737, 2843, 2927, 3064, 3270, 3314, 3475, 3640, 3895, 4164, 4296, 4318, 4484, 4551, 4649, 4695, 4915, 4916, 4926, 5031, 5055, 5083, 5500, 5563, 5667, 5744, 6102, 6335, 6459, 6522, 6608, 6645, 6646, 6746, 6747, 6776, 6895, 6928, 6937, 6964, 6997, 7040, 7114, 7215, 7278, 7309, 7394, 7477, 7608, 7623, 7643, 7658, 7802, 8110, 8125, 6997, 7040, 7114, 7215, 7278, 7309, 7394, 7477, 7608, 7623, 7643, 7658, 7802, 8110, 8125, 8150, 8168, 8185, 8200, 8214, 8310, 8326, 8341, 8447, 8570, 8608, 8621, 8693, 8751, 8790, 8813, 8828, 8837, 9389, 9723, 9777, 10012, 10175, 10531, 10590, 10604, 10617, 10704, 10715, 10732, 10774, 10924, 10942, 10925, 10985, 10992, 11063, 11159, 11168, 11179, 11790, 12358, 12359, 12485, 14608, 14627, 14680, 14681, 14731, 14867, 14906
C ₇ H ₁₆	2-Methylhexane. B.p., 90.0 1535, 3476, 7609, 7624
C ₇ H ₁₆	3-Methylhexane. B.p., 91.8 1536, 3477, 7610, 7625, 7659, 14732
C ₇ H ₁₆	2,2,3-Trimethylbutane. B.p., 80.87 5932, 7660, 9724, 10506, 12552
C ₇ H ₁₆ O	Amyl ethyl ether. B.p., 120 383
C ₇ H ₁₆ O	<i>tert</i> -Amyl ethyl ether. B.p., 101 384, 3477, 7278
C ₇ H ₁₆ O	Butyl isopropyl ether. B.p., 103 5564
C ₇ H ₁₆ O	2-Heptanol. 12553
C ₇ H ₁₆ O	Heptyl alcohol. B.p., 176.15 385, 581, 902, 1079, 1878, 3065, 3641, 4485, 5366, 6074, 6161, 6237, 6365, 6404, 6798, 8032, 8596, 9202, 9249, 9319, 9655, 9778, 10013, 10337, 10798, 10837, 10865, 10892, 11012, 11230, 11295, 11443, 11514, 11575, 11791, 11811, 11984, 12219, 12265, 12506, 12554-12573
C ₇ H ₁₆ O ₂	Dipropoxymethane. B.p., 137.2 386, 387, 5668, 7395, 8417, 10454, 10626, 12499, 14663
C ₇ H ₁₆ O ₂	2-Ethoxyethyl 2-methoxyethyl ether. B.p., 194.2 11913, 12070
C ₇ H ₁₆ O ₂	Ethyl orthoformate. B.p., 195.75 903, 1879, 2007, 2844, 3066, 8506, 9320, 10799, 11812, 12454, 12468, 12574-12580
C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy] ethanol. B.p., 245.25 3067, 5184, 5745, 7533, 8920, 9055, 9156, 9586, 11114, 11646, 11692, 11747, 12581-12615
C ₇ H ₁₆ SiO	Butoxytrimethylsilane. B.p., 124.5 7216
C ₈ H ₈	Phenyl acetylene. 5463
C ₈ H ₇ N	Indole. B.p., 253.5 3068, 3642, 9870, 12188, 12616-12625
C ₈ H ₇ N	α -Toluonitrile. B.p., 232. 12626

Formula	Name and System Nos.
C_8H_8	Styrene. B.p., 145 388, 1175, 1331, 1537, 1880, 2008, 2095, 2318, 2436, 2590, 2845, 3069, 3478, 3643, 4213, 4486, 4843, 4917, 5367, 5464, 5465, 5565, 5669, 5746, 5830, 6162, 6238, 6297, 6405, 6523, 6682, 6862, 7217, 7280, 7310, 7396, 7478, 7724, 7930, 7985, 8252, 8448, 8507, 8597, 8639, 8752, 8783, 8814, 8870, 9321, 9779, 10014, 10068, 10236, 10338, 10532, 10800, 10866, 10903, 10943, 11296, 11813, 11985, 12214, 12424, 12455, 12462, 12479, 12491, 12492, 12500, 12574, 12627-12632
C_8H_8O	Acetophenone (methyl phenyl ketone). B.p., 202.05 1811, 2041, 3070, 3644, 3896, 4487, 4552, 5185, 5368, 5801, 6799, 7534, 7986, 8370, 8921, 8987, 9018, 9346, 9412, 9448, 9587, 9656, 9780, 10015, 10144, 10237, 10417, 10655, 10751, 11262, 11395, 11515, 11604, 11844, 11914, 11986, 12071, 12220, 12266, 12288, 12289, 12301, 12314, 12351, 12429, 12633-12665
$C_8H_8O_2$	Anisaldehyde (<i>p</i> -methoxybenzaldehyde). B.p., 249.5 7535, 9157, 9871, 11093, 11346, 11748, 12666-12680
$C_8H_8O_2$	Benzyl formate. B.p., 202.3 389, 3071, 3645, 5369, 5831, 7536, 9413, 9449, 9588, 9657, 9781, 10656, 10752, 11198, 11263, 11396, 11845, 11915, 11987, 12072, 12154, 12315, 12633, 12681-12698
$C_8H_8O_2$	Methyl benzoate. B.p., 199.45 390, 2042, 2096, 3072, 3646, 4036, 5186, 5370, 5832, 6800, 7537, 8922, 8988, 9019, 9347, 9450, 9533, 9589, 9658, 9782, 10114, 10145, 10418, 11013, 11264, 11396, 11397, 11623, 11846, 11916, 11988, 12073, 12155, 12316, 12317, 12352, 12581, 12634, 12681, 12699-12727
$C_8H_8O_2$	Phenyl acetate. B.p., 195.7 391, 1680, 2097, 3073, 3647, 5187, 5371, 5833, 6801, 7538, 8253, 8923, 9203, 9348, 9414, 9451, 9534, 9590, 9783, 10146, 10238, 10339, 10389, 10419, 10657, 11014, 11231, 11265, 11398, 11479, 11693, 11847, 11917, 11989, 12074, 12156, 12318, 12635, 12682, 12728-12755
$C_8H_8O_2$	α -Toluic acid. B.p., 266.5 3074, 9056, 9872, 9930, 11749, 12756-12785
$C_8H_8O_2$	Methyl salicylate. B.p., 222.3 3075, 3648, 5188, 5834, 7539, 7899, 8924, 8989, 9057, 9113, 9591, 9659, 11094, 11115, 11199, 11624, 11647, 11694, 11848, 12157, 12302, 12582, 12786-12825
C_8H_8BrO	<i>p</i> -Bromophenetole (<i>p</i> -bromophenyl ethyl ether). B.p., 234.2 3076, 7540, 9058, 9452, 9660, 9873, 11095, 11200, 12616, 12666, 12826-12835
C_8H_8Cl	<i>o,m,p</i> -Chloroethylbenzene. 6524, 7685, 7863, 7931, 8343, 10220, 10719, 10927, 10944, 11015, 11185, 11297, 12553
C_8H_{10}	Ethylbenzene. B.p., 136.15 90, 392, 582, 904, 1176, 1332, 1538, 1649, 2009, 2098, 2161, 2210, 2319, 2591, 2738, 2846, 3027, 3480, 3649, 3897, 3936, 3980, 4027, 4108, 4165, 4214, 4319, 4354, 4488, 4844, 4918, 5372, 5466, 5566, 5670, 5747, 6163, 6298, 6406, 6525, 6683, 6863, 7070, 7140, 7218, 7281, 7282, 7311, 7397, 7419, 7725, 7803, 7851, 7863, 8046, 8254, 8418, 8449, 8508, 8671, 8672, 8694, 8753, 8784, 8791, 8815, 8816, 8829, 8871, 9322, 9390, 9784, 10016, 10069, 10210, 10455, 10591, 10605, 10627, 10705, 10723, 10733, 10779, 10801, 10848, 10945, 11792, 12215, 12368, 12377, 12409, 12456, 12469, 12480, 12501, 12627, 12836-12841, 14569, 14632, 14665, 14718, 14818
C_8H_{10}	<i>m</i> -Xylene. B.p., 139 393, 583, 1080, 1177, 1333, 1539, 2010, 2100, 2202, 2320, 2437, 2592, 2739, 2847, 3079, 3271, 3481, 3650, 3898, 3939, 3981, 4028, 4215, 4216, 4355, 4489, 4553, 4696, 4845, 4919, 4927, 5032, 5046, 5189, 5373, 5566, 5671, 5748, 5835, 6045, 6126, 6164, 6299, 6526, 6684, 6864, 7219, 7220, 7283, 7398, 7480, 7726, 7804, 7879, 7932, 8056, 8092, 8255, 8371, 8419, 8450, 8509, 8598, 8640, 8695, 8754, 8817, 8872, 9323, 9391, 9785, 10017, 10070, 10211, 10239, 10296, 10456, 10484, 10533, 10592, 10628, 10802, 10849, 10904, 10946, 11016, 11064, 11163, 11186, 11814, 12216, 12369, 12378, 12457, 12463, 12470, 12481, 12486, 12493, 12502, 12554, 12575, 12628, 12836, 12842-12848, 14530, 14570, 14666, 14748, 14864, 14865
C_8H_{10}	<i>o</i> -Xylene. B.p., 143.6 1178, 1334, 1540, 1881, 2011, 2099, 2438, 2593, 2848, 2934, 3078, 3482, 3651, 3899, 3938, 3982, 4356, 4554, 4846, 5033, 5047, 5191, 5567, 5672, 5749, 5836, 6165, 6300, 6527, 6685, 7102, 7221, 7399, 7481, 7727, 8256, 8372, 8451, 8510, 8696, 8755, 8873, 9786, 10018, 10187, 10240, 10297, 10534, 10803, 10905, 10947, 11017, 11298, 11815, 11990, 12370, 12410, 12418, 12425, 12464, 12471, 12482, 12487, 12494, 12629, 12842, 12849
C_8H_{10}	<i>p</i> -Xylene. B.p., 138.4 1179, 1541, 2101, 2321, 2322, 2594, 2740, 2849, 3080, 3483, 3652, 3939, 4217, 4357, 4490, 4847, 5569, 5673, 5750, 6301, 6528, 6686, 6865, 7222, 7312, 7400, 7482, 7728, 8093, 8257, 8420, 8452, 8511, 8673, 8756, 8874, 9392, 10019, 10241, 10535, 10629, 10804, 10850, 10948, 11164, 12458, 12472, 12483, 12503, 12841, 12843
$C_8H_{10}O$	Benzyl methyl ether. B.p., 167.8 906, 1882, 2596, 2850, 2935, 3081, 3653, 3900, 4254, 4391, 4491, 4555, 4848, 5374, 6057, 6166, 6239, 6529, 6687, 6802, 6866, 7483, 7729, 7933, 7987, 8258, 8373, 8757, 8925, 9250, 9324, 9787, 10020, 10298, 10340, 10390, 10464, 10536, 10753, 10805, 10867, 10893, 10949, 11018, 11065, 11232, 11299, 11552, 12206, 12379, 12532, 12555, 12850-12861

Formula	Name and System Nos.
C ₈ H ₁₀ O	<i>o</i> -Ethylphenol. B.p., 216.5 12862
C ₈ H ₁₀ O	<i>p</i> -Ethylphenol. B.p., 218.8 3655, 5375, 5988, 6414, 9060, 9114, 9592, 10658, 11300, 11625, 11649, 11849, 12246, 12636, 12786, 12863-12889
C ₈ H ₁₀ O	<i>m</i> -Methylanisole (<i>m</i> -methoxytoluene). B.p., 177.2 5376, 7484, 8259
C ₈ H ₁₀ O	<i>p</i> -Methylanisole (<i>p</i> -methoxytoluene). B.p., 177.05 1883, 3082, 3654, 3901, 3990, 4392, 4492, 4556, 4849, 5377, 6240, 6688, 7730, 7988, 8374, 8875, 9204, 9251, 9252, 9535, 9788, 10021, 10115, 10242, 10299, 10341, 10420, 10538, 10754, 10806, 10868, 10950, 11019, 11066, 11301, 11444, 12207, 12221, 12380, 12507, 12556, 12890-12911
C ₈ H ₁₀ O	Phenethyl alcohol (2-phenylethanol). B.p., 219.5 3083, 3656, 5192, 5378, 5837, 6803, 7541, 8926, 8990, 9061, 9453, 9593, 9661, 10084, 11626, 11695, 11751, 11918, 12075, 12158, 12267, 12787, 12863, 12912-12949
C ₈ H ₁₀ O	Phenetole (ethyl phenyl ether). B.p., 170.4 394, 1884, 2102, 2439, 2851, 2936, 3084, 3657, 3842, 3902, 4255, 4393, 4493, 4850, 5193, 5379, 6167, 6241, 6530, 6689, 7485, 7731, 7824, 7880, 7934, 7989, 8033, 8260, 8375, 8453, 8758, 8876, 9205, 9253, 9415, 9536, 9789, 10022, 10243, 10300, 10342, 10391, 10465, 10472, 10537, 10755, 10807, 10869, 10906, 10951, 11020, 11067, 11233, 11302, 11445, 11516, 11553, 11576, 11992, 12208, 12381, 12404, 12508, 12533, 12557, 12950-12981, 14900
C ₈ H ₁₀ O	2,4-Xylenol (2,4-dimethylphenol). 210.5 3085, 5380, 5989, 6415, 6804, 9062, 9454, 11480, 11672, 11690, 11919, 12159, 12534, 12637, 12699, 12728, 12864, 12982-12993
C ₈ H ₁₀ O	3,4-Xylenol (3,4-dimethylphenol). B.p., 226.8 3086, 3658, 3194, 5381, 5838, 6416, 7542, 7900, 9059, 9115, 9158, 9455, 9594, 9662, 9874, 10147, 10659, 11116, 11347, 11500, 11628, 11648, 11697, 11751, 11850, 12247, 12303, 12430, 12638, 12683, 12788, 12826, 12912, 12994-13035
C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene. B.p., 214.7 3087, 5839, 9063, 9457, 9595, 9663, 10148, 10660, 11201, 11629, 11698, 11851, 11920, 12076, 12160, 12268, 12319, 12684, 12789, 13036, 13048
C ₈ H ₁₀ O ₂	<i>m</i> -Ethoxyphenol. B.p., 243.8 13049
C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol. B.p., 216.5 2043, 3088, 3659, 5195, 5840, 6417, 9064, 9458, 9596, 10023, 10149, 10661, 11699, 11852, 12077, 12222, 12248, 12431, 12639, 12790, 12994, 13050-13072
C ₈ H ₁₀ O ₂	2-Phenoxyethanol. B.p., 245.2 4411, 7543, 9065, 11853, 12583, 12791, 12866, 12913, 12995, 13050, 13073-13084
C ₈ H ₁₀ O ₂	Veratrole (<i>o</i> -dimethoxybenzene). B.p., 205.5 395, 3089, 3660, 4412, 5382, 7990, 9456, 9597, 9664, 9790, 10024, 10150, 10244, 10343, 10392, 10662, 11630, 11700, 11854, 11921, 11993, 12078, 12640, 12700, 12729, 12865, 13085-13095
C ₈ H ₁₁ N	<i>s</i> -Collidine (2,4,6-trimethylpyridine). B.p., 171 396, 13146
C ₈ H ₁₁ N	<i>N,N</i> -Dimethylaniline. B.p., 194.05 1180, 2597, 3090, 3661, 3903, 5196, 5802, 7825, 8877, 8927, 8991, 9020, 9206, 9254, 9537, 9598, 9791, 10494, 10539, 10952, 11021, 11068, 11117, 11187, 11234, 11266, 11303, 11399, 11419, 11446, 11481, 11517, 11631, 11701, 11855, 11922, 11994, 12079, 12161, 12223, 12382, 12558, 12641, 12890, 12914, 12950, 13051, 13085, 13096-13123
C ₈ H ₁₁ N	Ethylaniline. B.p., 205.5 3093, 3664, 3905, 5199, 8992, 9066, 9538, 9599, 9792, 10495, 11235, 11267, 11702, 11856, 11923, 11995, 12081, 12162, 12249, 12642, 12867, 12915, 12997, 13052, 13086, 13124- 13145
C ₈ H ₁₁ N	2,4-Xylidine (2,4-dimethylaniline). B.p., 214.0 3091, 3662, 3904, 5197, 9600, 11632, 11703, 11857, 11996, 12080, 12163, 12643, 12916, 12996, 13036, 13053, 13147-13154
C ₈ H ₁₁ N	3,4-Xylidine (3,4-dimethylaniline). B.p., 225.5 3092, 3663, 5198, 9067, 9601, 11704, 11858, 12917, 13037, 13155-13160
C ₈ H ₁₁ NO	<i>o</i> -Phenetidine (2-ethoxyaniline). B.p., 232.5 3094, 3665, 5200, 7544, 9068, 9116, 9138, 9159, 9665, 9875, 9931, 11650, 11705, 11752, 11859, 12792, 12868, 12918, 12998, 13161-13179
C ₈ H ₁₁ NO	<i>p</i> -Phenetidine (4-ethoxyaniline). B.p., 249.9 3095, 3666, 7545, 9117, 9139, 9160, 9876, 9932, 11348, 11651, 11753, 12999, 13180-13199
C ₈ H ₁₂ O ₄	Ethyl fumarate. B.p., 217.85 3096, 3667, 5201, 5383, 5841, 6805, 7546, 9069, 9459, 9602, 9666, 11652, 11706, 11924, 11997, 12082, 12432, 12584, 12793, 12869, 12919, 12982, 13000, 13038, 13087, 13200- 13226

Formula	Name and System Nos.
C ₈ H ₁₂ O ₄	Ethyl maleate. B.p., 223.3 397, 2103, 3097, 3668, 5202, 5384, 5842, 7547, 7901, 9460, 9603, 9667, 9877, 11653, 11707, 11925, 11998, 12083, 12433, 12585, 12794, 12870, 12920, 12983, 13001, 13039, 13054, 13227-13251
C ₈ H ₁₄	Diisobutylene. B.p., 101 398, 14700, 14733, 14872
C ₈ H ₁₄ O	2-Methallyl ether. B.p., 134.6 399, 6469
C ₈ H ₁₄ O	2,4,6-Trimethyl-5,6-dihydro-1,2-pyran. 14749
C ₈ H ₁₄ O	Methylheptenone. B.p., 173.2 1885, 3098, 3669, 4494, 5203, 5385, 6531, 7732, 7935, 7991, 8261, 9255, 9793, 10025, 10245, 10301, 10540, 11069, 11304, 11447, 11518, 11554, 11577, 11999, 12383, 12559, 12850, 12951, 13252-13270
C ₈ H ₁₄ O ₂	Cyclohexyl acetate. B.p., 177.0 2598
C ₈ H ₁₄ O ₄	<i>meso</i> -2,3-Butanediol diacetate. B.p., 190 2599, 7427
C ₈ H ₁₄ O ₄	Ethyl succinate. B.p., 217.25 3670, 4047, 5386, 7548, 9070, 9461, 9604, 9668, 11268, 11654, 11708, 12000, 12084, 12434, 13055, 13271-13296
C ₈ H ₁₄ O ₄	Propyl oxalate. B.p., 214 9071, 9605, 10151, 10633, 11269, 11400, 11633, 12320, 12435, 12644, 12701, 13200, 13277 13297-13303
C ₈ H ₁₅ N	Caprylonitrile. B.p., 205.2 13304
C ₈ H ₁₅ N	Dimethylallylamine. B.p., 149.0 400
C ₈ H ₁₆	1,1-Dimethylcyclohexane. 3484
C ₈ H ₁₆	<i>trans</i> -1,2-Dimethylcyclohexane. 5571
C ₈ H ₁₆	1,3-Dimethylcyclohexane. B.p., 120.7 91, 584, 1181, 1335, 1542, 1650, 1789, 2012, 2323, 2600, 2741, 2852, 3315, 3485, 3671, 4109, 4166, 4218, 4851, 4920, 5048, 5570, 5674, 6127, 6168, 6532, 6690, 7100, 7141, 7223, 7313, 7401, 7486, 7733, 7805, 7853, 8094, 8151, 8311, 8421, 8454, 8512, 8558, 8622, 8674, 8697, 8759, 8818, 8878, 9393, 10026, 10213, 10457, 10541, 10593, 10606, 10618, 10630, 10706, 10716, 10734, 10775, 11172, 11176, 11793, 11794, 12473, 13305, 13306
C ₈ H ₁₆	<i>cis</i> -1,4-Dimethylcyclohexane. 3486
C ₈ H ₁₆	<i>trans</i> -1,4-Dimethylcyclohexane. 3487
C ₈ H ₁₆	Ethylcyclohexane. B.p., 131.8 2601, 6103, 7487
C ₈ H ₁₆	6-Methyl-1-heptene. B.p., 109 8759
C ₈ H ₁₆	1-Octene. B.p., 121.6 2203
C ₈ H ₁₆	2-Octene. B.p., 125.2 2204
C ₈ H ₁₆	1,1,2-Trimethylcyclopentane. 5572
C ₈ H ₁₆	1,1,3-Trimethylcyclopentane. B.p., 104.9 5573, 5752, 11795
C ₈ H ₁₆	<i>cis-cis-trans</i> -1,2,4-Trimethylcyclopentane. 5574
C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,3-Trimethylcyclopentane. B.p., 110.4 11796
C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,4-Trimethylcyclopentane. B.p., 109.3 3488, 11797
C ₈ H ₁₆	2,3,4-Trimethyl-2-pentene. B.p., 116 11798
C ₈ H ₁₆ O	Allyl isoamyl ether. B.p., 120 401
C ₈ H ₁₆ O	2-Octanone. B.p., 174.1 1886, 3099, 3672, 4394, 4495, 4557, 5204, 5387, 5803, 6242, 6366, 6533, 7734, 7881, 7936, 8034, 8262, 8376, 9256, 9349, 9794, 10027, 10302, 10542, 10808, 10870, 10907, 10953, 11070, 11305, 11420, 11448, 11519, 11578, 11816, 12001, 12321, 12353, 12384, 12509, 12851, 12891, 12952, 13307-13327

Name and System Nos.

$C_5H_{10}O$	2,2,5,5-Tetramethyltetrahydrofuran. B.p., 115 402
$C_5H_{10}O_2$	Amyl propionate. 4852
$C_5H_{10}O_2$	Butyl butyrate. B.p., 165.7 403, 907, 1081, 1924, 2013, 2104, 3100, 3673, 5205, 5388, 6075, 6169, 6367, 6534, 6867, 7224, 7735, 7826, 8035, 8455, 8879, 9207, 9257, 9325, 9350, 9795, 10188, 10246, 10303, 10543, 10954, 11022, 11306, 11520, 11555, 11579, 11817, 12852, 12892, 12953, 13307, 13328-13346
$C_5H_{10}O_2$	Caprylic acid. B.p., 238.5 3102, 7902, 9072, 9161, 9606, 9878, 11655, 11709, 11754, 13002, 13201, 13228, 13271, 13347-13348
$C_5H_{10}O_2$	Ethyl caproate. B.p., 166.8 404, 1887, 2105, 5389, 6170, 6692, 7937, 8513, 9258, 9796, 10304, 10809, 11023, 11307, 11521, 11580, 12510, 12560, 13328, 13363-13373
$C_5H_{10}O_2$	2-Ethyl caproic acid. B.p., 227 11926, 12085
$C_5H_{10}O_2$	Hexyl acetate. B.p., 171.5 1888, 2106, 3103, 4395, 6171, 7992, 8264, 9259, 10305, 10344, 10810, 11024, 11308, 11522, 12511, 12954, 13309, 13374-13377
$C_5H_{10}O_2$	Isoamyl propionate. B.p., 160.3 405, 908, 1082, 1889, 2014, 3104, 3674, 4396, 4496, 5206, 5390, 6076, 6128, 6172, 6535, 6691, 6868, 7736, 7827, 7882, 7938, 8036, 8456, 8514, 8641, 8761, 8928, 9260, 9326, 9797, 10189, 10247, 10306, 10544, 10811, 10908, 10955, 11025, 11523, 11556, 11581, 11818, 12385, 12512, 12561, 12853, 12955, 13329, 13378-13392
$C_5H_{10}O_2$	Isobutyl butyrate. B.p., 156.8 406, 909, 1890, 2015, 2853, 3105, 3675, 5207, 5391, 6173, 6536, 6693, 7737, 7939, 8037, 8263, 8457, 8515, 8599, 8642, 8880, 9327, 9973, 10190, 10545, 10812, 10956, 11026, 11557, 11819, 12513, 13330, 13378, 13393-13397
$C_5H_{10}O_2$	Isobutyl isobutyrate. B.p., 147.3 407, 910, 2016, 3106, 3676, 4256, 4853, 5392, 6243, 6302, 6537, 6694, 6869, 7883, 7940, 8458, 8516, 8600, 8643, 9328, 10546, 10813, 10894, 10957, 11558, 11820, 12386, 12411, 12419, 12488, 12630, 12844, 13398-13401
$C_5H_{10}O_2$	Methyl isoamyl acetate. 2602
$C_5H_{10}O_2$	Propyl isovalerate. B.p., 155.8 408, 1891, 3107, 3677, 4854, 5208, 5753, 6174, 6407, 6695, 6870, 7488, 7738, 7828, 7884, 8459, 8517, 8881, 9329, 10191, 10213, 10547, 10814, 10895, 10909, 10958, 11027, 11559, 11821, 12489, 12576, 12631, 13379, 13402-13412
$C_5H_{10}O_2$	2,2-Diethoxy-3-butanone. B.p., 163.5 409
$C_5H_{10}O_2$	Isoamyl lactate. B.p., 202.4 3108, 8929, 9021, 9539, 9607, 9798, 10152, 10496, 11118, 11270, 11401, 11421, 11634, 11927, 12002, 12086, 12164, 12322, 12645, 12702, 12703, 12921, 12984, 13003, 13413-13424
$C_5H_{10}O_2$	2-(2-Ethoxyethoxy)ethyl acetate. B.p., 218.5 410, 3678, 10664, 11028, 11860, 12436, 12646, 12704, 13202, 13425-13435
C_5H_{10}	2,2-Dimethylhexane. B.p., 106.54 3489, 7611
C_5H_{10}	2,3-Dimethylhexane. B.p., 115.8 3490
C_5H_{10}	2,4-Dimethylhexane. B.p., 109.4 5755, 11173
C_5H_{10}	2,5-Dimethylhexane. B.p., 109.4 92, 585, 662, 988, 1182, 1336, 1543, 1790, 2205, 2324, 2413, 2603, 2854, 3109, 3272, 3316, 3491, 3679, 4110, 4167, 4650, 4697, 4855, 4921, 5034, 5501, 5575, 5675, 5754, 5843, 6460, 6609, 6777, 6871, 6896, 6965, 7225, 7284, 7314, 7402, 7489, 7612, 7806, 8152, 8186, 8201, 8215, 8312, 8571, 8623, 8698, 8762, 8792, 10507, 10986, 10993, 11071, 11799, 12360
C_5H_{10}	3,3-Dimethylhexane. B.p., 111.93 7490, 7613
C_5H_{10}	3,4-Dimethylhexane. B.p., 117.9 3492
C_5H_{10}	3-Ethylheptane. B.p., 119.0 3494
C_5H_{10}	3-Ethyl-3-methylpentane. 7491
C_5H_{10}	2-Methyl-3-ethylpentane. B.p., 114 2206

Formula	Name and System Nos.
C_8H_{18}	2-Methylheptane. B.p., 117.2 3493, 11800
C_8H_{18}	4-Methylheptane. B.p., 118 3495
C_8H_{18}	Octane. B.p., 125.75 93, 411, 1029, 1183, 1337, 1544, 1651, 1791, 2107, 2207, 2604, 2855, 3110, 3496, 3680, 3906, 4111, 4168, 4219, 4698, 4856, 4922, 4929, 5576, 5676, 5757, 6046, 6104, 6303, 6538, 6610, 6696, 6872, 7226, 7403, 7492, 7739, 7807, 8265, 8313, 8342, 8518, 8557, 8624, 8699, 8763, 8819, 8882, 9394, 9799, 10028, 10214, 10607, 10631, 10707, 10717, 10724, 10735, 10776, 10780, 10926, 10959, 10994, 11072, 11801, 12838, 13305, 13436-13438, 14629
C_8H_{18}	2,2,3-Trimethylpentane. B.p., 109.8 3497, 5756
C_8H_{18}	2,2,4-Trimethylpentane. B.p., 99.3 1545, 2208, 3498, 5577, 5677, 7404, 7614, 7661, 7808, 8764, 9725, 10073, 12361, 13146, 13436,
C_8H_{18}	2,3,3-Trimethylpentane. B.p., 113.6 3499
C_8H_{18}	2,3,4-Trimethylpentane. B.p., 13.4 3500, 10075, 10078, 11802, 12217
$C_8H_{18}O$	Butyl ether. B.p., 142.6 412, 911, 1184, 2017, 2325, 2440, 2605, 2742, 2856, 2937, 3111, 3681, 3907, 3983, 4220, 4257, 4358, 4857, 5049, 5393, 5758, 6129, 6244, 6304, 6408, 6540, 6697, 6873, 7227, 7228 7405, 7493, 7740, 7941, 8057, 8095, 8266, 8460, 8519, 8601, 8675, 8765, 8883, 9330, 9395 9800, 10029, 10215, 10248, 10458, 10548, 10815, 10896, 11029, 11165, 11169, 11309, 11822, 12420, 12426, 12459, 12465, 12474, 12484, 12495, 12504, 12839, 12845, 12849, 13398, 13402 13439, 13440, 14687, 14701, 14719
$C_8H_{18}O$	<i>sec</i> -Butyl ether. B.p., 121 413, 14702
$C_8H_{18}O$	2-Ethylhexanol. B.p., 183.5 414
$C_8H_{18}O$	Ethyl hexyl ether. B.p., 143 415
$C_8H_{18}O$	Isobutyl ether. B.p., 122.2 416, 586, 912, 1338, 1652, 2250, 2606, 2857, 3501, 3682, 3908, 4169, 4221, 4858, 5035, 5050, 5578, 5678, 5679, 5759, 6047, 6130, 6476, 6539, 6698, 7142, 7229, 7406, 7494, 7809, 7864 7885, 8047, 8096, 8169, 8422, 8520, 8676, 8700, 8766, 8820, 8830, 8884, 9396, 10030, 10216, 10549, 10608, 10632, 10708, 10718, 10725, 10736, 10777, 10960, 11160, 11174, 11177, 11188, 11803, 12362, 12460, 12840, 13306, 13437, 13438, 13441, 14720
$C_8H_{18}O$	Octyl alcohol. B.p., 195.15 417, 3683, 4397, 4413, 4497, 4558, 5209, 5394, 6016, 6368, 6806, 7741, 7993, 8993, 9073, 9208, 9261, 9351, 9462, 9540, 9608, 9669, 9801, 10031, 10116, 10153, 10221, 10345, 10393, 10421, 10466, 11236, 11271, 11310, 11402, 11422, 11449, 11482, 11525, 11635, 11710, 11928, 12003, 12087, 12165, 12224, 12250, 12269, 12290, 12291, 12323, 12354, 12514, 12535, 12647, 12685, 12686, 12705, 12730, 12846, 12871, 12894, 13004, 13096, 13124, 13147, 13252, 13304, 13413, 13442-13472
$C_8H_{18}O$	<i>sec</i> -Octyl alcohol. B.p., 178.7 418, 1083, 1892, 3313, 3684, 4258, 4398, 4498, 4559, 5210, 5395, 6175, 6245, 6369, 6409, 6807, 7994, 8038, 9022, 9209, 9262, 9331, 9352, 9541, 9670, 9802, 10032, 10222, 10249, 10307, 10346, 10394, 10461, 10816, 10871, 10897, 11030, 11237, 11311, 11403, 11423, 11450, 11526, 11560, 11582, 11804, 11929, 12004, 12088, 12225, 12251, 12270, 12292, 12355, 12515, 12536, 12562, 12648, 12847, 12854, 12895, 12956, 13097, 13125, 12353, 13310, 13374, 13380, 13473-13503, 14848, 14892, 14889, 14905, 14907, 14908
$C_8H_{18}O_2$	Acetaldehyde dipropyl acetal (1,1-dipropoxyethane). B.p., 147.7 419, 5680, 14664
$C_8H_{18}O_3$	Bis(2-ethoxyethyl) ether. B.p., 186 420, 3686, 9263, 11930, 12089, 13504, 13505
$C_8H_{18}O$	2-(2-Butoxyethoxy)ethanol. B.p., 231.2 4414, 5844, 8994, 9074, 11636, 11656, 12795, 12922, 13056, 13161, 13506-13512
$C_8H_{18}S$	Butyl sulfide. B.p., 185.0 2743, 3114, 3909, 3991, 5396, 6316, 6370, 6541, 7742, 7995, 8267, 9264, 9353, 9671, 9803, 10250, 10496, 10550, 10961, 11238, 11250, 11602, 11605, 12005, 12090, 12166, 12537, 12896, 12957, 13254, 13311, 13513-13520
$C_8H_{18}S$	Isobutyl sulfide. B.p., 172.0 2858, 3115, 3910, 5397, 6058, 6246, 6317, 6542, 7743, 7886, 7942, 8610, 9265, 9804, 10251 10872, 10962, 11031, 11239, 11251, 11583, 12006, 13312, 13363, 13381, 13521-13525
$C_8H_{19}N$	Dibutylamine. 421

Formula	Name and System Nos.
C ₈ H ₁₉ N	Diisobutylamine. B.p., 138.5 10217, 10594, 10609, 11823, 12371, 12412, 12841, 12848, 13441
C ₈ H ₁₉ N	1,1,3,3-Tetramethylbutylamine. B.p., 140 422
C ₈ H ₁₉ NO	1-Diethylaminobutane-3-ol. 2607
C ₈ H ₂₀ SiO ₄	Ethyl silicate. B.p., 168.8 1893, 4259, 6176, 9210, 9266, 9332, 9805, 11451, 11561, 11584, 11824, 12007, 12855, 12958, 13331, 13382, 13393, 13403, 13526-13531
C ₉ H ₇ N	Isoquinoline. B.p., 240.3 3687, 12827
C ₉ H ₇ N	Quinoline. B.p., 237.3 1185, 2608, 3116, 3688, 4859, 5211, 5845, 7549, 7829, 8930, 9075, 9118, 9140, 9162, 9672, 9879, 11032, 11096, 11119, 11501, 11637, 11657, 11711, 11755, 11861, 12189, 12586, 12796, 12872, 12985, 13005, 13506, 13532-13553
C ₉ H ₈	Indene. B.p., 182.4 1186, 2108, 2441, 2859, 3117, 3689, 3911, 4399, 4415, 4499, 4560, 4860, 5212, 5398, 5579, 5681, 5804, 5846, 6177, 6543, 6699, 6808, 7230, 7495, 7744, 7996, 8268, 8377, 8461, 8767, 8885, 8931, 9211, 9267, 9354, 9542, 9806, 10033, 10117, 10252, 10347, 10422, 10551, 10665, 10756, 10963, 11452, 11931, 12008, 12091, 12226, 12271, 12293, 12437, 12538, 12706, 12731, 12897, 12959, 13098, 13255, 13272, 13313, 13332, 13442, 13473, 13504, 13554-13572
C ₉ H ₈ O	Cinnamaldehyde (β -phenylacrolein). B.p., 253.5 3118, 3690, 5213, 9163, 9880, 11350, 11756, 12190, 12756, 12828, 13573-13596
C ₉ H ₉ N	2-Methylindole. B.p., 268 13597
C ₉ H ₉ N	3-Methylindole. B.p., 266.5 3691
C ₉ H ₁₀ O	Cinnamyl alcohol. B.p., 257 3113, 5214, 9120, 9164, 9609, 9673, 9881, 9933, 11658, 11712, 12617, 12667, 13006, 13073, 13180, 13507, 13573, 13598-13620
C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone (<i>p</i> -methylphenyl methyl ketone). B.p., 226.35 3120, 3692, 4416, 5215, 5399, 5847, 9076, 9119, 9463, 9674, 9882, 11202, 11351, 11506, 11659, 11713, 11932, 12092, 12304, 12438, 12797, 12829, 12873, 12923, 12986, 13007, 13162, 13203, 13229, 13273, 13347, 13425, 13532, 13621-13639
C ₉ H ₁₀ O	Propiophenone (ethyl phenyl ketone). B.p., 217.7 3121, 3693, 4048, 4417, 5216, 5400, 9077, 9464, 9610, 9807, 10666, 11203, 11507, 11638, 11660, 11714, 11862, 11933, 12009, 12093, 12167, 12272, 12294, 12305, 12439, 12798, 12874, 12924, 12987, 13008, 13057, 13099, 13126, 13148, 13204, 13230, 13274, 13640-13650
C ₉ H ₁₀ O ₂	Benzyl acetate. B.p., 214.9 423, 3122, 3694, 4049, 5217, 5848, 7550, 8932, 8995, 9078, 9465, 9612, 9675, 10667, 11204, 11272, 11661, 11715, 11863, 11934, 11935, 12010, 12094, 12168, 12440, 12587, 12649, 12799, 12875, 12925, 12988, 13009, 13040, 13058, 13088, 13205, 13231, 13297, 13426, 13640, 13651-13667
C ₉ H ₁₀ O ₂	Ethyl benzoate. B.p., 212.4 424, 2044, 3123, 3695, 4050, 4750, 5218, 5401, 5849, 6809, 7551, 8996, 9079, 9355, 9466, 9612, 9676, 9726, 10154, 10668, 11205, 11273, 11639, 11716, 11864, 11936, 12011, 12095, 12169, 12324, 12441, 12588, 12650, 12707, 12800, 12876, 12926, 12989, 13010, 13041, 13059, 13089, 13206, 13232, 13275, 13427, 13443, 13641, 13651, 13668-13685
C ₉ H ₁₀ O ₂	Methyl α -toluate. B.p., 213.3 425, 3124, 5219, 11865, 12801, 13668, 13686-13689
C ₉ H ₁₀ O ₂	Ethyl salicylate. B.p., 233.7 3125, 3696, 4051, 5220, 5849, 7552, 7903, 9080, 9121, 9165, 9883, 11097, 11132, 11206, 11352, 11662, 11717, 11757, 12191, 12306, 12589, 12927, 13011, 13074, 13163, 13181, 13233, 13508, 13533, 13621, 13690-13711
C ₉ H ₁₂	Cumene (isopropylbenzene). B.p., 152.8 1187, 1339, 1546, 1894, 2018, 2109, 2442, 2609, 2860, 3126, 3502, 3697, 3912, 3984, 4029, 4359, 4500, 4699, 4861, 5221, 5402, 5580, 5682, 5760, 6178, 6544, 6700, 6874, 7231, 7407, 7496, 7745, 7887, 8269, 8462, 8521, 8768, 8886, 9268, 9333, 9808, 10034, 10192, 10348, 10485, 10552, 10817, 10873, 10910, 10964, 11312, 11562, 11585, 11825, 12013, 12372, 12387, 12413, 12427, 12475, 12490, 12496, 12563, 12577, 12960, 13399, 13404, 13439, 13474, 13712, 13713
C ₉ H ₁₂	<i>m</i> -Ethyltoluene. B.p., 161.3 8933
C ₉ H ₁₂	<i>o</i> -Ethyltoluene. B.p., 165.1 7497, 8934
C ₉ H ₁₂	<i>p</i> -Ethyltoluene. B.p., 162.0 8935

Formula	Name and System Nos.
C_9H_{12}	Mesitylene (1,3,5-trimethylbenzene). B.p., 164.6 426, 1188, 1340, 1547, 1895, 2045, 2110, 2326, 2443, 2610, 2861, 2938, 3127, 3503, 3698, 3913, 3985, 4037, 4400, 4501, 4561, 4852, 5222, 5403, 5581, 5683, 5761, 5762, 5851, 6179, 6247, 6318, 6371, 6545, 6701, 6875, 7323, 7408, 7598, 7746, 7888, 7943, 7997, 8039, 8270, 8378, 8463, 8522, 8644, 8769, 8887, 8936, 9269, 9334, 9809, 10035, 10193, 10253, 10349, 10395, 10423, 10553, 10669, 10757, 10818, 10838, 10874, 10965, 11033, 11073, 11527, 11563, 11586, 11826, 11866, 12012, 12227, 12325, 12388, 12516, 12539, 12856, 12961, 13100, 13256, 13314, 13333, 13405, 13444, 13475, 13513, 13521, 13714-13728, 14858, 14860, 14896
C_9H_{12}	Propylbenzene. B.p., 158.9 913, 1189, 1548, 2046, 2111, 2444, 2611, 2939, 3504, 3699, 3914, 3986, 4502, 4863, 5223, 5404, 5582, 5684, 5763, 5764, 5852, 6180, 6248, 6305, 6546, 6703, 6876, 7233, 7409, 7499, 7748, 7998, 8040, 8058, 8271, 8379, 8464, 8523, 8645, 8770, 8888, 9335, 9810, 10036, 10254, 10396, 10424, 10473, 10554, 10819, 10911, 10967, 11034, 11074, 11528, 12014, 12326, 12373, 12517, 12578, 12962, 13101, 13257, 13315, 13334, 13365, 13406, 13445, 13476, 13714, 13729-13732
C_9H_{12}	Pseudocumene (1,2,4-trimethylbenzene). B.p., 168.2 1896, 1897, 2112, 3128, 3640, 4260, 4503, 4751, 4864, 5405, 6181, 6547, 6704, 6877, 7234, 7500, 7747, 7944, 7999, 8272, 8465, 8524, 8771, 8889, 8937, 9212, 9270, 9811, 10037, 10194, 10255, 10350, 10425, 10555, 10670, 10875, 10966, 11035, 11075, 11529, 11564, 11587, 12015, 12389, 12732, 12898, 12963, 13316, 13366, 13715, 13733-13739
C_9H_{12}	1,2,3-Trimethylbenzene. B.p., 176.6 8938
$C_9H_{12}O$	Benzyl ethyl ether. B.p., 185.0 3129, 3701, 3843, 3915, 3992, 5224, 5406, 6548, 6705, 6810, 7749, 8000, 8380, 8939, 9023, 9213, 9271, 9356, 9543, 9812, 10038, 10118, 10256, 10351, 10397, 10556, 10671, 10758, 10876, 10968, 11076, 11240, 11313, 11606, 12016, 12209, 12327, 12390, 12518, 12540, 12708, 12733, 13102, 13446, 13477, 13514, 13554, 13740-13747
$C_9H_{12}O$	Mesitol (2,4,6-trimethylphenol). B.p., 220.5 6418, 9467, 13012, 13060, 13534, 13748, 13749
$C_9H_{12}O$	3-Phenylpropanol. B.p., 235.6 3130, 3702, 5225, 5853, 7553, 9081, 9468, 9613, 9677, 9884, 9934, 10085, 11663, 11718, 11758, 12192, 12802, 13013, 13075, 13155, 13164, 13182, 13428, 13574, 13622, 13750-13777
$C_9H_{12}O$	Phenyl propyl ether. B.p., 190.2 427, 3131, 3703, 3916, 5407, 5854, 6549, 7554, 8273, 8381, 9024, 9813, 10039, 10672, 10759, 11404, 11424, 11867, 11937, 12096, 13127, 13447, 13478, 13778, 13779
$C_9H_{12}O_2$	2-Benzyloxyethanol. B.p., 265.2 3132, 11759, 12590, 13183, 13535, 13598, 13750, 13780-13795
$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>m</i> -toluidine. B.p., 203.1 5226
$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine. B.p., 185.3 1898, 3133, 3704, 3917, 5227, 5805, 7830, 8890, 8940, 8997, 9025, 9214, 9272, 9544, 9614, 9814, 10040, 10497, 10557, 10969, 11036, 11120, 11425, 11426, 11453, 11588, 11868, 11938, 12017, 12097, 12170, 12273, 12391, 12564, 12651, 12899, 12964, 13090, 13448, 13479, 13555, 13716, 13729, 13733, 13778, 13796-13806
$C_9H_{12}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine. B.p., 210.2 3134, 3705, 3918, 5228, 5229, 5806, 8941, 9026, 9082, 9615, 11121, 11719, 11869, 11939, 12018, 12098, 12652, 12877, 12928, 13014, 13061, 13480, 13642, 13807-13812
$C_9H_{14}O$	Phorone (2,6-dimethyl-2,5-heptadien-4-one). B.p., 197.8 3135, 3706, 5230, 5408, 6811, 8382, 8942, 9027, 9545, 9616, 9678, 9815, 10426, 10673, 11314, 11483, 11607, 11940, 12019, 12099, 12171, 12307, 12328, 12709, 12734, 13414, 13449, 13556, 13813-13821
C_9H_{10}	Nonanaphthene. B.p., 136.7 2612
$C_9H_{10}O$	2,6-Dimethyl-4-heptanone. B.p., 168.0 1899, 2613, 2744, 3136, 3707, 3961, 4504, 5231, 6319, 6550, 6706, 7889, 7945, 8274, 8466, 8891, 9273, 9816, 10257, 10558, 10820, 10912, 10970, 11315, 11565, 11589, 12020, 12392, 12519, 13335, 13367, 13384, 13515, 13522, 13822, 13823
$C_9H_{10}O_2$	Butyl isovalerate. B.p., 177.6 428, 1681, 2113, 3708, 5409, 6372, 7750, 8001, 8383, 9817, 10308, 10352, 10398, 11241, 11454, 11484, 11530, 12021, 12100, 12900, 12965, 13481, 13516, 13526, 13740, 13824-13832
$C_9H_{10}O_2$	Ethyl enanthate. B.p., 188.7 429, 2114, 3137, 3709, 3844, 5410, 9469, 9818, 10353, 11455, 12022, 12101, 13450, 13557, 13833-13835
$C_9H_{10}O_2$	Isoamyl butyrate. B.p., 178.5 430, 1682, 2115, 3138, 3710, 3845, 4505, 4562, 5232, 5233, 5411, 6249, 6551, 6812, 7946, 8002, 8275, 8276, 8384, 8943, 9274, 9357, 9547, 9819, 10258, 10354, 10399, 10821, 11037, 11078, 11242, 11316, 11405, 11456, 11485, 11531, 11590, 11941, 12023, 12102, 12520, 12541, 12857, 12901, 12966, 13258, 13317, 13375, 13482, 13558, 13717, 13741, 13824, 13836-13851

Formula	Name and System Nos.
$C_9H_{18}O_2$	Isoamyl isobutyrate. B.p., 168.9 431, 1900, 2940, 3139, 3711, 4261, 4506, 5234, 5412, 6182, 6373, 6552, 7751, 8525, 9275, 9820, 10259, 10309, 10877, 11038, 11243, 11317, 11457, 11532, 12902, 12967, 13259, 13336, 13483, 13527, 13718, 13822, 13852-13857
$C_9H_{18}O_2$	Isobutyl isovalerate. B.p., 168.7 432, 1084, 1683, 1901, 2116, 3140, 3712, 4262, 4401, 4507, 4563, 5235, 5413, 6250, 6374, 6553, 6813, 7752, 7947, 8003, 8041, 8277, 8944, 9215, 9276, 9336, 9821, 10260, 10310, 10355, 10559, 10822, 10878, 10898, 10913, 10971, 11039, 11077, 11244, 11318, 11319, 11427, 11458, 11533, 11566, 11591, 11827, 12024, 12393, 12521, 12565, 12858, 12903, 12968, 13260, 13318, 13337, 13368, 13484, 13517, 13528, 13559, 13719, 13734, 13823, 13825, 13836, 13852, 13858-13870
$C_9H_{18}O_2$	Methyl caprylate. B.p., 192.9 433, 2117, 3141, 3713, 5414, 10119, 10261, 10356, 10674, 12025, 12103, 12329, 13813, 13871-13873
$C_9H_{18}O_2$	Pelargonic acid (nonanoic acid). B.p., 254 4052, 9083, 9885, 11664, 13874-13889
$C_9H_{18}O_3$	Isobutyl carbonate. B.p., 190.3 434, 1684, 2118, 3714, 4508, 5236, 5415, 5855, 9277, 9470, 9548, 9823, 10427, 10675, 11320, 11406, 11428, 11459, 11486, 11534, 11870, 11942, 12026, 12104, 12330, 12522, 12710, 12735, 12969, 13451, 13485, 13486, 13560, 13720, 13814, 13890-13899
C_9H_{20}	3,3-Diethylpentane. 7501
C_9H_{20}	2-Methyloctane. B.p., 135.2 2614
C_9H_{20}	Nonane. B.p., 150.7 2615, 6105, 7502, 12632, 13712, 14630
C_9H_{20}	2,2,3,3-Tetramethylpentane. 7503
C_9H_{20}	2,2,4,4-Tetramethylpentane. 7504
C_9H_{20}	2,3,3,4-Tetramethylpentane. 7505
C_9H_{20}	2,2,3,4-Tetramethylpentane. 5765
C_9H_{20}	2,2,5-Trimethylhexane. B.p., 120.1 2209
C_9H_{20}	2,4,4-Trimethylhexane. 7506
$C_9H_{20}O_2$	Dibutoxymethane. B.p., 181.8 435, 7236, 14688
$C_9H_{20}O_2$	Diisobutoxymethane. B.p., 163.8 436, 7235, 7410, 8646, 13385, 13407, 14721
$C_{10}H_7Br$	1-Bromonaphthalene. B.p., 281.8 3142, 3715, 5237, 5238, 5856, 7555, 9886, 9935, 11133, 11353, 12591, 12757, 13874, 13900-13913
$C_{10}H_7Cl$	1-Chloronaphthalene. B.p., 262.7 3143, 3716, 5239, 5857, 7556, 9141, 9887, 9936, 10676, 11134, 11207, 11354, 11760, 11943, 12442, 12592, 12668, 12758, 13076, 13184, 13348, 13349, 13509, 13575, 13780, 13875, 13914-13937
$C_{10}H_8$	Naphthalene. B.p., 218.1 41, 437, 1812, 2047, 2119, 2862, 3144, 3717, 3919, 4038, 4053, 4509, 4564, 5240, 5416, 5858, 6183, 6554, 6814, 7557, 7753, 7904, 8004, 8278, 8385, 8945, 8998, 9084, 9122, 9471, 9617, 9679, 9824, 9888, 9937, 10041, 10120, 10155, 10262, 10357, 10428, 10560, 10677, 10760, 11079, 11122, 11208, 11274, 11321, 11355, 11502, 11608, 11665, 11720, 11871, 11944, 12027, 12105, 12172, 12193, 12220, 12252, 12274, 12295, 12308, 12331, 12433, 12593, 12653, 12687, 12711, 12736, 12759, 12803, 12830, 12878, 12929, 13015, 13062, 13077, 13091, 13103, 13156, 13165, 13128, 13207, 13234, 13276, 13298, 13350, 13415, 13452, 13536, 13576, 13599, 13623, 13643, 13669, 13748, 13751, 13781, 13796, 13807, 13876, 13938-13970
$C_{10}H_8O$	1-Naphthol. B.p., 288 3145, 7559, 9938, 10086, 12594, 12760, 13900, 13914, 13971-13989
$C_{10}H_8O$	2-Naphthol. B.p., 290 3146, 9939, 9966, 13901, 13915, 13990-13998
$C_{10}H_8N$	1-Naphthylamine. B.p., 300.8 3147, 5241, 13971, 13999-14002
$C_{10}H_8N$	2-Naphthylamine. B.p., 306.1 13972, 14003, 14004

Formula	Name and System Nos
C ₁₀ H ₉ N	Quinaldine. B.p., 246.5 3148, 5242, 7558, 9166, 9889, 11098, 12595, 13016, 13510, 14005-14007
C ₁₀ H ₁₀ O ₂	Isosafrole (1,2-methylenedioxy-4-propenylbenzene). B.p., 252.0 438, 3149, 3718, 5243, 5859, 7560, 7686, 9142, 9890, 9940, 10087, 11099, 11135, 11356, 11761, 12194, 12596, 12669, 12761, 13078, 13166, 13185, 13537, 13577, 13600, 13690, 13752, 13782, 13877, 13916, 14008-14024
C ₁₀ H ₁₀ O ₂	Methyl cinnamate. B.p., 261.9 439, 3150, 3719, 5244, 5860, 7561, 9472, 9891, 9941, 11136, 11357, 12597, 12670, 12762, 13578, 13601, 13783, 13902, 13917, 13973, 14008, 14025-14040
C ₁₀ H ₁₀ O ₂	Safrole (4-allyl-1,2-methylenedioxybenzene). B.p., 235.9 440, 3151, 3720, 5245, 5861, 7562, 7905, 9143, 9167, 9473, 9825, 9892, 10088, 11100, 11137, 11358, 11666, 11721, 11762, 11872, 12195, 12444, 12598, 12618, 12671, 12804, 12831, 12930, 13167, 13186, 13208, 13235, 13277, 13351, 13538, 13579, 13602, 13624, 13691, 13753, 13784, 13878, 13938, 14005, 14041-14066
C ₁₀ H ₁₀ O ₄	Methyl phthalate. B.p., 283.2 441, 3152, 3721, 5246, 5862, 7563, 9942, 11138, 12599, 12763, 13903, 13918, 13990, 14067-14076
C ₁₀ H ₁₂ O	Anethole (<i>p</i> -propenylanisole). B.p., 235.7 442, 3153, 3722, 5247, 5863, 7564, 7906, 9474, 9893, 10089, 11101, 11139, 11359, 11873, 12600, 12764, 12832, 12931, 13168, 13187, 13209, 13236, 13352, 13539, 13580, 13625, 13754, 13939, 14041, 14077-14089
C ₁₀ H ₁₂ O	Estragole (<i>p</i> -allylanisole). B.p., 215.6 443, 3154, 3723, 5864, 9085, 10156, 11123, 11209, 11503, 11945, 12173, 13168, 13670, 14090
C ₁₀ H ₁₂ O ₂	Ethyl α -toluate. B.p., 228.75 444, 3155, 3724, 5248, 5417, 5865, 7565, 9086, 9168, 9358, 9475, 9680, 9894, 11210, 11764, 11946, 12106, 12445, 12805, 12932, 13017, 13210, 13278, 13353, 13626, 13692, 13755, 13940, 14042, 14091-14109
C ₁₀ H ₁₂ O ₂	Eugenol (4-allyl-2-methoxyphenol). B.p., 255 3156, 3725, 5249, 5866, 9895, 9943, 10090, 11360, 11361, 11763, 12619, 12765, 13540, 13756, 13785, 13879, 13919, 14009, 14025, 14110-14123
C ₁₀ H ₁₂ O ₂	Isoeugenol (2-methoxy-4-propenylphenol). B.p., 268.8 3157, 3726, 5867, 9944, 10091, 12620, 12766, 13581, 13603, 14026, 14124-14135
C ₁₀ H ₁₂ O ₂	Propyl benzoate. B.p., 230.85 445, 3157, 3727, 4054, 5250, 5418, 5868, 7566, 7907, 9087, 9123, 9169, 9359, 9476, 9681, 9896, 11211, 11362, 11667, 11722, 11765, 12107, 12601, 12806, 12879, 12933, 13018, 13237, 13627, 13693, 13757, 13941, 14043, 14077, 14091, 14136-14150
C ₁₀ H ₁₄	Butylbenzene. B.p., 183.1 1685, 1813, 2048, 2120, 2445, 2863, 3159, 3728, 3920, 4418, 4865, 4510, 5419, 5583, 5686, 5869, 6184, 6375, 6555, 6707, 6815, 7237, 7567, 7754, 7755, 8005, 8279, 8467, 8892, 8946, 9278, 9360, 9549, 9826, 10042, 10121, 10263, 10358, 10400, 10467, 10561, 10823, 10972, 11040, 11124, 11322, 11429, 11487, 11947, 12108, 12253, 12275, 12394, 12904, 13261, 13319, 13487, 13518, 13815, 13833, 13837, 13858, 13871, 14151-14160
C ₁₀ H ₁₄	<i>sec</i> -Butylbenzene. B.p., 173.1 8947
C ₁₀ H ₁₄	<i>tert</i> -Butylbenzene. B.p., 168.5 8948
C ₁₀ H ₁₄	Cymene (<i>p</i> -isopropyltoluene). B.p., 176.7 1549, 1686, 1814, 1902, 2049, 2121, 2122, 2327, 2616, 2864, 3160, 3505, 3729, 3921, 4039, 4263, 4402, 4419, 4511, 4565, 4866, 5251, 5420, 5584, 5685, 5766, 5870, 6185, 6251, 6376, 6556, 6708, 6878, 7238, 7411, 7507, 7568, 7756, 7948, 8006, 8042, 8280, 8386, 8468, 8773, 8893, 8949, 9279, 9550, 9827, 10043, 10264, 10311, 10359, 10468, 10474, 10562, 10678, 10761, 10824, 10879, 10914, 11041, 11080, 11323, 11460, 11488, 11535, 11592, 11874, 11948, 12028, 12109, 12229, 12276, 12332, 12395, 12523, 12542, 12566, 12712, 12737, 12905, 12970, 13104, 13262, 13320, 13338, 13386, 13453, 13488, 13561, 13721, 13735, 13742, 13797, 13838, 13839, 13859, 14151, 14161-14170, 14875
C ₁₀ H ₁₄	Isobutylbenzene. B.p., 241.9 14171
C ₁₀ H ₁₄ N ₂	Nicotine. 446, 12833, 14044, 14171
C ₁₀ H ₁₄ O	Carvacrol (2- <i>p</i> -cymenol) B.p., 237.85 3161, 5252, 5871, 7569, 7909, 9088, 9124, 9144, 9170, 9682, 9897, 11364, 11668, 11723, 11766, 12196, 12446, 12621, 12672, 12934, 13157, 13169, 13188, 13238, 13354, 13416, 13541, 13582, 13644, 13694, 13758, 13921, 13942, 14006, 14045, 14078, 14092, 14136, 14172-14189
C ₁₀ H ₁₄ O	Carvone. B.p., 231 3162, 3730, 5253, 5872, 9089, 9125, 9172, 9477, 9898, 11212, 11368, 11669, 11767, 11949, 12110, 12447, 12807, 12834, 12935, 13170, 13189, 13239, 13604, 13695, 13759, 13943, 14046, 14079, 14093, 14110, 14137, 14172, 14190-14204

Formula	Name and System Nos.
$C_{10}H_{14}O$	Thymol (3- <i>p</i> -cymenol). B.p., 232.8 3163, 3731, 4055, 5254, 5873, 7570, 7908, 8999, 9090, 9126, 9145, 9171, 9478, 9618, 9683, 9899, 11213, 11365, 11366, 11670, 11724, 11768, 11875, 12197, 12309, 12654, 12673, 12808, 12936, 13019, 13054, 13063, 13129, 13147, 13149, 13171, 13190, 13211, 13240, 13279, 13299, 13355, 13542, 13583, 13605, 13628, 13645, 13653, 13671, 13696, 13760, 13816, 13880, 13922, 13944, 14007, 14010, 14027, 14047, 14080, 14094, 14138, 14171, 14173, 14190, 14205-14232
$C_{10}H_{14}O_2$	<i>m</i> -Diethoxybenzene. B.p., 235.0 447, 3164, 3732, 5255, 5874, 9091, 9479, 9684, 9900, 11367, 12198, 12809, 13212, 13543, 13629, 13761, 14095, 14171, 14206, 14233-14239
$C_{10}H_{15}N$	<i>N,N</i> -Diethylaniline. B.p., 217.05 3165, 3733, 3922, 4056, 5256, 7687, 8950, 9092, 9619, 11125, 11214, 11671, 11725, 11876, 11950, 12029, 12111, 12174, 12567, 12655, 12880, 12937, 13020, 13064, 13092, 13455, 13489, 13606, 13630, 13646, 13672, 13762, 13817, 13945, 14048, 14081, 14174, 14192, 14207, 14234, 14240-14255
$C_{10}H_{16}$	Camphene. B.p., 159.6 448, 914, 1190, 1550, 1903, 2123, 2446, 2617, 2865, 3166, 3506, 3734, 3923, 4264, 4512, 4566, 4700, 4867, 5257, 5421, 5585, 5687, 5767, 5875, 6131, 6186, 6252, 6306, 6557, 6709, 6879, 7239, 7412, 7508, 7757, 7890, 7949, 8007, 8043, 8281, 8387, 8469, 8526, 8602, 8647, 8774, 8894, 9280, 9337, 9828, 9974, 10044, 10195, 10265, 10312, 10360, 10429, 10475, 10486, 10563, 10633, 10825, 10839, 10880, 10915, 10973, 11042, 11081, 11189, 11324, 11536, 11567, 11593, 11828, 11877, 12030, 12230, 12333, 12374, 12396, 12476, 12524, 12543, 12568, 12579, 12738, 12859, 12971, 13105, 13263, 13321, 13339, 13369, 13387, 13400, 13408, 13456, 13490, 13523, 13529, 13722, 13730, 13798, 13826, 13840, 13854, 13860, 13890, 14161, 14256-14262, 14879
$C_{10}H_{16}$	Dipentene (<i>dl</i> -limonene). B.p., 177.7 2447, 3167, 3926, 4403, 4420, 5258, 6253, 6377, 7765, 7950, 8388, 8895, 8951, 9216, 9551, 10045, 10122, 10266, 10361, 10401, 10469, 10762, 11043, 11082, 11126, 11430, 11594, 12231, 12334, 12397, 12525, 12569, 12972, 13106, 13264, 13322, 13505, 13562, 13743, 13834, 13855, 13872, 13891, 14162, 14256, 14263-14267
$C_{10}H_{16}$	<i>d</i> -Limonene. B.p., 177.8 1191, 1551, 1687, 1815, 1904, 2124, 3168, 3507, 3735, 3846, 4265, 4513, 4567, 4701, 4868, 5259, 5422, 5586, 5688, 5876, 6187, 6558, 6710, 6880, 7240, 7413, 7758, 7951, 8008, 8282, 8470, 8775, 9281, 9829, 10046, 10267, 10362, 10430, 10462, 10564, 10679, 10763, 10881, 10916, 10974, 11083, 11325, 11461, 11489, 11537, 11878, 11951, 12031, 12112, 12232, 12335, 12356, 12544, 12688, 12713, 12739, 12973, 13107, 13265, 13280, 13300, 13323, 13340, 13457, 13491, 13563, 13827, 13841, 13861, 13892, 14163, 14268-14274, 14813, 14814, 14837, 14844, 14846, 14847, 14848, 14859, 14874, 14876, 14882, 14884, 14887, 14890-14892, 14894, 14895, 14897, 14899, 14901, 14903, 14905, 14907
$C_{10}H_{16}$	Nopinene (β -pinene). B.p., 163.8 916, 1906, 2125, 3169, 3736, 4514, 4568, 4869, 5260, 5768, 5878, 6188, 6254, 6320, 6559, 6711, 6881, 7241, 7414, 7509, 7760, 8009, 8283, 8389, 8471, 8527, 8603, 8648, 8952, 9217, 9282, 9338, 9830, 10047, 10196, 10268, 10363, 10634, 10680, 10826, 10840, 10882, 10917, 10975, 11044, 11326, 11538, 11568, 11595, 11829, 11952, 12032, 12133, 12233, 12336, 12477, 12526, 12545, 12570, 12580, 12740, 12860, 12974, 13108, 13341, 13388, 13395, 13409, 13458, 13492, 13723, 13731, 13828, 13842, 14164, 14257, 14275, 14276, 14860, 14896
$C_{10}H_{16}$	α -Phellandrene. B.p., 171.5 2126, 4516, 4870, 6189, 6560, 6713, 7952, 8284, 8776, 9831, 9975, 10048, 10269, 10565, 10883, 11327, 11539, 12033, 13493, 14277
$C_{10}H_{16}$	α -Pinene. B.p., 155.8 915, 1552, 1905, 2127, 2618, 3170, 3508, 3509, 3737, 3924, 4222, 4266, 4360, 4404, 4517, 4569, 4702, 4871, 5261, 5587, 5689, 5769, 5877, 6132, 6190, 6255, 6307, 6410, 6561, 6712, 6882, 7242, 7315, 7415, 7510, 7759, 7891, 7953, 8010, 8044, 8285, 8390, 8472, 8529, 8604, 8649, 8701, 8777, 8896, 8953, 9283, 9339, 9832, 9976, 10049, 10123, 10197, 10270, 10313, 10364, 10431, 10476, 10487, 10566, 10635, 10827, 10841, 10884, 10918, 10976, 11045, 11084, 11328, 11329, 11569, 11830, 11879, 12034, 12116, 12234, 12337, 12375, 12398, 12414, 12421, 12428, 12478, 12497, 12498, 12505, 12546, 12975, 13109, 13266, 13301, 13324, 13342, 13343, 13370, 13389, 13396, 13401, 13410, 13440, 13459, 13494, 13524, 13530, 13713, 13724, 13732, 13799, 13829, 13835, 13856, 13862, 13893, 14258, 14263, 14278-14280, 14855, 14857, 14861, 14862, 14863, 14869, 14870, 14878, 14880, 14881, 14893, 14898
$C_{10}H_{16}$	α -Terpinene. B.p., 173.4 1688, 1908, 2128, 2620, 2866, 3171, 3510, 3738, 3925, 4515, 4570, 4872, 5262, 5423, 5588, 5690, 5879, 6192, 6256, 6321, 6562, 6714, 6883, 7511, 7761, 8011, 8286, 8391, 8528, 8897, 8954, 9218, 9284, 9552, 9829, 9833, 10050, 10124, 10198, 10271, 10365, 10432, 10567, 10828, 10885, 10919, 10977, 11046, 11330, 11431, 11462, 11490, 11540, 11570, 11597, 11831, 11880, 11953, 12035, 12115, 12235, 12338, 12399, 12527, 12571, 12714, 12741, 12861, 12906, 12976, 13110, 13267, 13325, 13344, 13371, 13397, 13411, 13460, 13495, 13725, 13843, 13863, 14152, 14165, 14264, 14275, 14278, 14281-14284

Formula	Name and System Nos:
$C_{10}H_{16}$	γ -Terpinene. B.p., 183 3172, 3739, 4518, 4571, 5424, 6193, 6563, 7762, 8287, 8392, 9285, 10051, 10366, 10433, 10568, 11331, 11463, 11491, 11541, 12116, 12689, 12715, 12742, 12977, 13281, 13326, 13461, 13654, 13844, 13864, 14285-14287
$C_{10}H_{16}$	Terpinene. B.p., 181.5 2130, 2131, 6191, 7954, 8012, 8288, 9286, 9553, 9834, 10272, 10569, 11881, 12036, 12117, 12339, 12547, 13496, 14888, 14902, 14904, 14908
$C_{10}H_{16}$	Terpinolene. B.p., 185 1689, 2129, 3173, 3740, 4519, 4572, 4873, 5880, 6194, 6378, 6564, 7763, 8013, 8289, 8393, 8473, 8778, 8897, 9287, 9830, 9835, 9836, 9901, 10052, 10273, 10367, 10434, 10570, 10681, 10829, 11332, 11464, 11492, 11542, 11882, 12037, 12118, 12205, 12236, 12296, 12548, 12907, 13111, 13130, 13497, 13845, 13865, 14153, 14288, 14289
$C_{10}H_{16}$	Terpinylene. B.p., 175 6196, 6565
$C_{10}H_{16}$	Thymene. B.p., 179.7 1192, 1553, 1690, 3174, 3511, 3741, 4520, 4573, 4874, 5589, 5881, 6197, 6556, 6715, 7243, 7416, 7764, 8014, 8290, 8474, 8779, 9288, 9837, 10053, 10368, 10435, 10571, 10682, 11465, 11493, 11543, 11883, 11954, 12038, 12119, 12743, 13112, 13282, 13462, 13498, 14290-14296
$C_{10}H_{16}O$	Camphor. B.p., 209.1 3175, 3742, 5060, 5263, 5425, 5807, 7571, 8954, 9000, 9361, 9480, 9620, 9685, 9838, 10054, 10683, 10764, 11275, 11609, 11726, 11884, 11955, 12039, 12120, 12175, 12254, 12277, 12297, 12340, 12690, 12716, 12990, 13021, 13065, 13113, 13131, 13150, 13213, 13283, 13418, 13463, 13655, 13673, 13800, 13946, 14090, 14208, 14240, 14296-14305
$C_{10}H_{16}O$	Carvenone. B.p., 234.5 3176, 9839, 13172, 13191, 14096, 14139, 14175, 14209, 14306, 14307
$C_{10}H_{16}O$	Citral. B.p., 226 13947, 14140, 14241, 14308, 14309
$C_{10}H_{16}O$	Fenchone. B.p., 193 1691, 2620, 3177, 5426, 9554, 9621, 9686, 9840, 10055, 10274, 11333, 11407, 11494, 11610, 12040, 12121, 12176, 13114, 13744, 14310
$C_{10}H_{16}O$	Menthenone. B.p., 222.5 14049, 14111, 14176
$C_{10}H_{16}O$	Pulegone. B.p., 223.8 3178, 3743, 4057, 5264, 9093, 9622, 9902, 11508, 11672, 11727, 12122, 12255, 12810, 12938, 13066, 13173, 13214, 13242, 13284, 13656, 13686, 13697, 13948, 14050, 14082, 14097, 14141, 14177, 14210, 14242, 14311-14319
$C_{10}H_{17}Cl$	Bornyl chloride. B.p., 207.5 3179, 6567, 9481, 9623, 10436, 10684, 11728, 12041, 12123, 12341, 12717, 13302, 13419, 13657, 13674, 13675, 13949, 14296, 14311, 14320
$C_{10}H_{18}$	<i>m</i> -Menthene-8. B.p., 170.8 1909, 3744, 6198, 7955, 8015, 9841, 9977, 10056, 10275, 10369, 10572, 11408, 11544, 11598, 13736, 13866, 14900
$C_{10}H_{18}O$	Borneol. B.p., 213.4 3180, 3745, 4058, 5265, 5427, 6816, 8955, 9001, 9094, 9482, 9624, 9687, 9842, 10125, 10157, 11276, 11673, 11729, 11769, 11885, 11956, 12042, 12124, 12177, 12237, 12256, 12278, 12298, 12656, 12691, 12718, 12744, 12811, 12939, 13022, 13042, 13067, 13093, 13115, 13132, 13215, 13285, 13429, 13564, 13647, 13658, 13676, 13687, 13698, 13801, 13950, 14051, 14154, 14193, 14211, 14243, 14269, 14279, 14290, 14297, 14308, 14312, 14321-14328
$C_{10}H_{18}O$	Cineole. B.p., 176.35 449, 1085, 1692, 1910, 2132, 3181, 3746, 3927, 4574, 4875, 5266, 5428, 6199, 6257, 6379, 6568, 6716, 6817, 7512, 7766, 7892, 7956, 8016, 8291, 8394, 8899, 8956, 9219, 9289, 9843, 9844, 9845, 10057, 10126, 10276, 10314, 10390, 10437, 10477, 10573, 10765, 10830, 10886, 10978, 11047, 11085, 11102, 11127, 11190, 11245, 11334, 11432, 11466, 11495, 11545, 11599, 12043, 12125, 12210, 12238, 12279, 12400, 12528, 12549, 12572, 12745, 12908, 12978, 13116, 13268, 13327, 13345, 13372, 13376, 13390, 13464, 13499, 13519, 13565, 13737, 13802, 13830, 13846, 13847, 13857, 13867, 13894, 13895, 14155, 14166, 14270, 14277, 14281, 14285, 14291, 14329-14332, 14877
$C_{10}H_{18}O$	Citronellal. B.p., 208.0 3882, 3747, 5267, 6818, 8395, 8957, 9625, 10127, 10158, 10685, 11048, 11277, 11409, 11504, 11730, 11886, 11957, 12044, 12126, 12178, 12657, 12692, 12719, 12746, 12862, 12881, 12940, 13023, 13216, 13243, 13420, 13465, 13659, 13677, 13745, 14156, 14298, 14333-14336
$C_{10}H_{18}O$	Geraniol. B.p., 229.6 3183, 3748, 5268, 8958, 9095, 9483, 9626, 9903, 10159, 11674, 11731, 11770, 11958, 12127, 12179, 12626, 12812, 13079, 13133, 13217, 13286, 13430, 13511, 13631, 13699, 13763, 13808, 13951, 14052, 14098, 14192, 14178, 14194, 14212, 14235, 14244, 14337-14344

Formula	Name and System Nos.
$C_{10}H_{16}O$	Linolool. B.p., 199 450, 1693, 3184, 3749, 4521, 5269, 5429, 7767, 8017, 9220, 9484, 9555, 9627, 9846, 10058, 10160, 10371, 10372, 10438, 10478, 11049, 11467, 11496, 11546, 11732, 11959, 12045, 12128, 12180, 12239, 12280, 12342, 12357, 12550, 12658, 12693, 12720, 12747, 12813, 13024, 13117, 13134, 13421, 13466, 13566, 13678, 13726, 13746, 13779, 13803, 13848, 13896, 13897, 13952, 14157, 14167, 14213, 14245, 14259, 14271, 14282, 14292, 14299, 14345-14347
$C_{10}H_{18}O$	Menthone. B.p., 209.5 3750, 5808, 9002, 9628, 9688, 9847, 11278, 11887, 12129, 12240, 12257, 12299, 13135, 13136, 13467, 14179, 14214, 14300, 14321
$C_{10}H_{18}O$	α -Terpineol. B.p., 217.8 3185, 3751, 5270, 5430, 5882, 7572, 8959, 9096, 9485, 9629, 9689, 9848, 10161, 11675, 11733, 11771, 11888, 12046, 12130, 12181, 12258, 12281, 12694, 12814, 12882, 12941, 13025, 13043, 13044, 13118, 13174, 13137, 13218, 13244, 13431, 13544, 13632, 13660, 13679, 13680, 13688, 13700, 13953, 14053, 14083, 14099, 14143, 14168, 14180, 14215, 14246, 14293, 14313, 14372, 14329, 14333, 14337 14348-14354
$C_{10}H_{18}O$	β -Terpineol. B.p., 210.5 3186, 3752, 5431, 6419, 9486, 9630, 9690, 9849, 10059, 11734, 11772, 12047, 12131, 12241, 12259, 12282, 12659, 12721, 12748, 13567, 13661, 13681, 13804, 13954, 14247, 14355-14357
$C_{10}H_{18}O_4$	Propyl succinate. B.p., 250.5 3753, 9945, 11368, 12767, 13881, 13923, 13955, 14011, 14054, 14181, 14216, 14358-14364
$C_{10}H_{19}N$	Bornylamine. B.p., 199.8 9221, 11468
$C_{10}H_{20}$	1-Decene. B.p., 172.0 2210
$C_{10}H_{20}O$	Citronellol. B.p., 224.4 3187, 3754, 5271, 7573, 9097, 9487, 9631, 9691, 9850, 9946, 11676, 11735, 12132, 12674, 12815, 13119, 13138, 13158, 13245, 13432, 13633, 13662, 13701, 13764, 13956, 14055, 14084, 14100, 14112, 14144, 14195, 14217, 14236, 14248, 14334, 14365-14369
$C_{10}H_{20}O$	Menthol. B.p., 216.4 3188, 3755, 4421, 5272, 5432, 5883, 6819, 8960, 9003, 9088, 9632, 9692, 9851, 10092, 10439, 11280, 11640, 11677, 11736, 11773, 11889, 11960, 12048, 12133, 12182, 12242, 12260, 12283, 12300, 12310, 12660, 12695, 12722, 12816, 12942, 13026, 13045, 13068, 13120, 13151, 13175, 13139, 13219, 13287, 13545, 13568, 13634, 13663, 13682, 13689, 13702, 13957, 14085, 14101, 14145, 14158, 14196, 14218, 14249, 14272, 14294, 14301, 14314, 14323, 14335, 14348, 14370-14376
$C_{10}H_{20}O_2$	Capric acid. B.p., 268.8 9904, 9947, 13924, 13958, 14012, 14028, 14377-14381
$C_{10}H_{20}O_2$	Ethyl caprylate. B.p., 208.35 451, 3189, 3756, 5273, 5433, 5884, 6821, 9489, 9693, 10128, 10440, 11410, 11641, 11890, 12049, 12134, 12183, 12723, 12817, 13027, 13069, 13422, 13433, 13468, 13959, 14370, 14382-14384
$C_{10}H_{20}O_2$	Isoamyl isovalerate. B.p., 193.5 452, 1694, 2133, 3190, 3757, 3847, 4522, 4575, 4876, 5275, 5434, 5885, 6200, 6820, 7957, 8018, 8292, 8396, 8961, 9028, 9222, 9362, 9490, 9556, 9852, 10129, 10162, 10277, 10373, 10402, 10441, 10686, 10766, 11246, 11281, 11411, 11469, 11497, 11891, 11961, 12050, 12135, 12343, 12529, 12696, 12724, 12909, 12979, 12991, 13094, 13469, 13569, 13747, 13818, 13873, 13960, 14273, 14286, 14288, 14295, 14330, 14345, 14385-14389
$C_{10}H_{20}O_2$	Methyl pelargonate. B.p., 213.8 453, 3192, 3758, 5274, 5435, 5886, 9099, 9694, 10687, 11737, 11962, 12184, 12661, 13220, 13288, 13648, 14219, 14390
$C_{10}H_{20}O_2$	2,2-Dipropoxy-3-butanone. B.p., 196 454
$C_{10}H_{20}O_4$	2-(2-Butoxyethoxy)ethyl acetate. B.p., 245.3 455, 11369, 13607, 13765, 14029, 14102, 14146, 14391-14394
$C_{10}H_{22}$	Decane. B.p., 173.3 456, 1911, 2134, 3759, 4877, 5770, 5887, 6106, 6717, 7244, 8293, 9853, 10060, 13269, 13738, 14283
$C_{10}H_{22}$	2,7-Dimethyloctane. B.p., 160.1 457, 917, 1193, 1554, 2135, 2621, 2622, 2867, 3193, 3512, 3760, 4267, 4523, 4878, 5436, 5590, 5771, 5888, 6201, 6569, 6718, 6884, 7245, 7417, 7513, 7768, 8019, 8294, 8475, 8530, 8650, 8780, 8900, 9340, 9854, 10061, 10199, 10278, 10374, 10574, 10831, 10920, 10979, 11086, 11335, 11600, 11832, 11833, 12051, 12401, 13391, 13412, 13500, 13727, 13868, 14260, 14280
$C_{10}H_{22}O$	Amyl ether. B.p., 190 458, 2136, 3195, 3762, 3928, 5276, 5437, 6380, 6570, 6822, 7769, 7958, 8020, 8295, 8597, 8677, 8901, 8962, 9223, 9290, 9855, 10062, 10279, 10375, 10403, 10479, 10575, 10767, 11050, 11128, 11247, 11336, 12052, 12136, 12211, 12402, 12530, 13121, 13501, 13570, 13831, 13849, 13869, 14159, 14736

Formula	Name and System Nos.
$C_{10}H_{22}O$	Decyl alcohol. B.p., 232.9 3194, 3761, 5277, 8963, 9100, 9633, 9695, 9905, 11678, 11738, 11774, 12818, 12883, 13140, 13176, 13246, 13434, 13512, 13635, 13703, 13766, 13809, 13961, 14056, 14086, 14103, 14147, 14182, 14197, 14220, 14237, 14250, 14338, 14395-14403
$C_{10}H_{22}O$	Isoamyl ether. B.p., 172.6 459, 1086, 1912, 2137, 2138, 2448, 2868, 2941, 3196, 3763, 3929, 3993, 4524, 4879, 5278, 5438, 6202, 6258, 6381, 6571, 6719, 6823, 7514, 7770, 7831, 7959, 8021, 8045, 8296, 8398, 8781, 8902, 8964, 9224, 9291, 9363, 9856, 10063, 10130, 10280, 10315, 10376, 10377, 10404, 10442, 10470, 10480, 10576, 10768, 10832, 10887, 10921, 10980, 11051, 11087, 11103, 11191, 11248, 11337, 11470, 11547, 11963, 12053, 12137, 12212, 12243, 12403, 12531, 12551, 12573, 12750, 12910, 12980, 13122, 13270, 13346, 13373, 13377, 13392, 13470, 13502, 13503, 13520, 13525, 13531, 13571, 13728, 13739, 13832, 13850, 13870, 13898, 14169, 14274, 14276, 14284, 14287, 14331, 14385, 14404, 14746
$C_{10}H_{22}O_2$	Acetaldehyde dibutyl acetal (1,1-dibutoxyethane). B.p., 188.8 460, 7246, 11052, 14689
$C_{10}H_{22}O_2$	Acetaldehyde diisobutyl acetal. B.p., 171.3 461, 7418, 14722
$C_{10}H_{22}O_3$	Isoamyl carbonate. B.p., 232.2 2764
$C_{10}H_{22}S$	Isoamyl sulfide. B.p., 214.8 3197, 5279, 9127, 9364, 9491, 9634, 9696, 9857, 10163, 10688, 10769, 11642, 11739, 11892, 12054, 12185, 12662, 12884, 12992, 13028, 13046, 13070, 13423, 13471, 13819, 13962, 14302, 14320, 14382, 14405-14407
$C_{10}H_{23}N$	Diisoamylamine. B.p., 188.2 12911, 12981, 13572, 14170, 14261, 14266, 14332, 14404
$C_{11}H_{16}$	1-Methylnaphthalene. B.p., 245.1 3198, 3765, 3930, 5280, 5439, 5889, 7574, 7910, 9128, 9173, 9697, 9906, 9948, 10093, 10689, 11140, 11370, 11679, 11740, 11775, 11893, 12199, 12602, 12768, 12819, 12943, 13080, 13177, 13192, 13289, 13356, 13546, 13584, 13585, 13608, 13704, 13767, 13786, 13882, 13899, 13925, 13974, 14013, 14030, 14057, 14087, 14104, 14113, 14148, 14183, 14198, 14221, 14339, 14350, 14358, 14371, 14377, 14395, 14408-14420
$C_{11}H_{16}$	2-Methylnaphthalene. B.p., 241.15 2050, 2139, 3199, 3766, 3931, 4040, 5281, 5440, 5890, 7575, 7911, 8965, 9146, 9174, 9492, 9698, 9907, 9949, 9967, 10064, 10164, 10690, 11129, 11141, 11371, 11680, 11741, 11776, 11894, 11964, 12138, 12200, 12311, 12603, 12769, 12820, 12835, 13081, 13159, 13178, 13193, 13221, 13247, 13290, 13357, 13547, 13586, 13636, 13664, 13705, 13768, 13787, 13883, 13926, 13975, 14014, 14031, 14058, 14088, 14105, 14114, 14124, 14149, 14199, 14222, 14251, 14351, 14359, 14365, 14372, 14378, 14408, 14421-14426
$C_{11}H_{16}O_2$	Ethyl cinnamate. B.p., 272 462, 3200, 3767, 5282, 5891, 7576, 9908, 9950, 11142, 12770, 13609, 13788, 13904, 13927, 13976, 13991, 14067, 14125, 14427-14436
$C_{11}H_{16}O_2$	1-Allyl-3, 4-dimethoxybenzene (eugenol methyl ether). B.p., 255 463, 3201, 3768, 5283, 5892, 7577, 7688, 9909, 9951, 10094, 11104, 11143, 11372, 12201, 12622, 12675, 12771, 13194, 13548, 13587, 13928, 14015, 14032, 14059, 14115, 14223, 14360, 14409, 14437-14443
$C_{11}H_{16}O_2$	Butyl benzoate. B.p., 249.8 464, 3202, 3769, 5284, 5893, 7576, 9147, 9175, 9493, 9910, 11144, 11373, 11777, 12604, 12676, 12772, 13049, 13588, 13610, 13789, 13929, 14016, 14060, 14116, 14184, 14224, 14361, 14410, 14421, 14437, 14444-14446
$C_{11}H_{16}O_2$	1,2-Dimethoxy-4-propenylbenzene (isoeugenol methyl ether). B.p., 270.5 465, 3203, 3770, 5285, 5894, 7579, 9911, 9952, 10095, 11374, 12623, 12677, 12733, 13195, 13589, 13884, 13905, 13930, 13977, 14033, 14068, 14126, 14427, 14428, 14447-14454
$C_{11}H_{16}O_2$	Ethyl β -phenylpropionate. B.p., 248.1 3204, 5895, 11681, 11778, 12744, 13611, 13706, 13769, 13790, 14061, 14391, 14411, 14422, 14455-14457
$C_{11}H_{16}O_2$	Isobutyl benzoate. B.p., 242.15 466, 3205, 3771, 5286, 5896, 7580, 7912, 9148, 9176, 9494, 9912, 11375, 11682, 11779, 12202, 12605, 12678, 13029, 13590, 13612, 13707, 13770, 13963, 14017, 14062, 14089, 14106, 14117, 14185, 14200, 14225, 14306, 14362, 14392, 14396, 14412, 14423, 14438, 1445
$C_{11}H_{16}O$	<i>p</i> -tert-Amylphenol. B.p., 266.5 9953, 12624, 13550, 13597, 14118, 14127, 14201, 14413, 14458-14462
$C_{11}H_{16}O$	Methyl thymyl ether. B.p., 216.5 3772, 7581, 9101, 9635, 9913, 10165, 11105, 11376, 11895, 12261, 12344, 12448, 12606, 12697, 12725, 12885, 12944, 13030, 13152, 13141, 13222, 13248, 13291, 13358, 13549, 13771, 14107, 14226, 14252, 14303, 14315, 14324, 14340, 14397, 14463
$C_{11}H_{17}N$	Isoamylaniline. B.p., 256.0 11683, 11780, 12203, 12945, 13772, 14018, 14063, 14119, 14128, 14186, 14202, 14414, 14424, 14439, 14447, 14464, 14465

Formula	Name and System Nos.
$C_{11}H_{20}O$	Isobornyl methyl ether. B.p., 192.2 467, 2140, 3206, 3773, 3848, 3932, 4423, 4525, 5287, 5441, 5897, 6824, 7582, 7771, 8022, 8297, 8966, 9365, 9858, 10065, 10131, 10281, 10378, 10405, 10443, 10691, 11053, 11130, 11249, 11338, 11896, 11897, 12055, 12139, 12213, 12284, 12663, 12751, 13142, 13472, 13805, 13820, 13851, 14160, 14289, 14310, 14336, 14346, 14355, 14386
$C_{11}H_{20}O$	Methyl α -terpineol ether. B.p., 216.2 468, 1816, 2051, 3207, 3774, 4059, 4422, 5288, 5442, 5898, 7583, 9102, 9495, 9636, 9699, 9914, 11106, 11377, 11505, 11742, 11898, 11965, 12262, 12285, 12312, 12345, 12449, 12607, 12821, 12886, 12946, 13031, 13047, 13143, 13223, 13249, 13292, 13359, 13551, 13637, 13665, 13683, 13810, 13964, 14227, 14253, 14304, 14316, 14325, 14326, 14341, 14353, 14356, 14366, 14373, 4383, 14398, 14405, 14466, 14467
$C_{11}H_{22}O_2$	Ethyl pelargonate. B.p., 227 469, 3775, 5289, 13224, 13293, 13708, 13965, 14374
$C_{11}H_{22}O_2$	Isoamyl carbonate. B.p., 232.2 470, 3208, 3776, 4060, 5290, 5443, 7913, 9103, 9129, 9177, 9496, 9915, 11215, 11378, 11684, 11743, 12140, 12822, 12887, 13032, 13250, 13360, 13613, 13638, 13709, 13773, 13966, 14064, 14065, 14108, 14150, 14187, 14203, 14228, 14238, 14307, 14137, 14342, 14367, 14393, 14399, 14415, 14425, 14468, 14469
$C_{11}H_{24}$	Undecane. 6107
$C_{11}H_{24}O_2$	Diamyloxymethane. B.p., 221.6 471, 8678, 14737
$C_{11}H_{24}O_2$	Diisoamyloxymethane. B.p., 210 472, 9004, 9637, 11899, 12346, 12726, 12752, 13144, 13294, 13666, 13684, 14254, 14883
$C_{12}H_{10}$	Acenaphthene. B.p., 277.9 3209, 3777, 3933, 5291, 5899, 7584, 9916, 9954, 9968, 10096, 11145, 11379, 12608, 12775, 13082, 13591, 13614, 13907, 13931, 13978, 13979, 13992, 13993, 13999, 14034, 14069, 14129, 14429, 14448, 14458, 14470-14475
$C_{12}H_{10}$	Biphenyl. B.p., 255.9 3210, 3778, 5292, 5900, 7585, 9178, 9497, 9917, 9955, 9969, 10097, 11146, 11380, 11781, 12204, 12450, 12609, 12776, 12947, 13196, 13552, 13592, 13615, 13710, 13774, 13885, 13932, 13980, 13994, 14019, 14035, 14070, 14120, 14130, 14188, 14229, 14363, 14400, 14416, 14430, 14440, 14444, 14456, 14464, 14476-14481
$C_{12}H_{10}O$	Phenyl ether. B.p., 259.3 473, 3211, 3779, 5293, 5901, 7586, 7689, 9918, 9956, 10098, 11107, 11147, 11381, 11782, 12610, 12625, 12679, 12777, 13083, 13197, 13593, 13616, 13791, 13886, 13933, 13981, 14020, 14036, 14071, 14121, 14131, 14230, 14364, 14379, 14417, 14431, 14441, 14445, 14449, 14457, 14465, 14476, 14482-14487
$C_{12}H_{11}N$	Diphenylamine. B.p., 275 13982
$C_{12}H_{12}$	1-Ethyl-naphthalene. B.p., 254.2 11966, 12141
$C_{12}H_{14}O_4$	Ethyl phthalate. B.p., 298.5 474, 3212, 7587, 11148, 14470, 14477, 14482, 14488
$C_{12}H_{16}O_2$	Isoamyl benzoate. B.p., 262.3 475, 3213, 3780, 5294, 5902, 7588, 9919, 9957, 11149, 12611, 12680, 12778, 12888, 13594, 13617, 13792, 13908, 13934, 13983, 14021, 14037, 14122, 14132, 14418, 14432, 14442, 14450, 14468, 14471, 14478, 14483, 14489-14491
$C_{12}H_{16}O_2$	Isoamyl salicylate. B.p., 277.5 3214, 5295, 5903, 7589, 9149, 11108, 11150, 11382, 11783, 12612, 13198, 13553, 13775, 13793, 13909, 13935, 13984, 14038, 14072, 14133, 14433, 14451, 14459, 14479, 14484, 14489, 14492-14494
$C_{12}H_{18}$	1,3,5-Triethylbenzene. B.p., 215.5 2052, 2141, 3215, 3781, 4526, 4576, 5904, 6204, 6572, 6825, 7590, 7772, 7914, 8023, 8298, 8967, 9104, 9498, 9638, 9700, 9859, 9920, 9958, 10066, 10166, 10282, 10379, 10444, 10692, 11054, 11216, 11282, 11339, 11383, 11611, 11744, 11900, 11967, 12056, 12142, 12186, 12244, 12286, 12313, 12347, 12451, 12613, 12664, 12698, 12727, 12753, 12779, 12823, 12889, 12948, 13033, 13071, 13095, 13153, 13179, 13225, 13251, 13295, 13303, 13361, 13424, 13595, 13649, 13667, 13685, 13749, 13806, 13811, 13887, 13967, 14231, 14305, 14309, 14318, 14327, 14343, 14347, 14357, 14368, 14375, 14384, 14387, 14390, 14401, 14406, 14466, 14495, 14496
$C_{12}H_{20}O_2$	Bornyl acetate. B.p., 227.6 476, 3216, 3782, 5296, 5444, 5905, 7591, 9105, 9130, 9179, 9366, 9499, 9701, 9921, 11217, 11685, 11745, 11784, 11968, 12143, 12452, 12824, 12949, 12993, 13034, 13048, 13072, 13226, 13296, 13362, 13435, 13639, 13650, 13711, 13776, 13968, 14066, 14109, 14189, 14204, 14232, 14239, 14319, 14344, 14354, 14369, 14376, 14394, 14402, 14419, 14426, 14469, 14495
$C_{12}H_{20}O_2$	Isobornyl acetate. B.p., 225.8 14262, 14267

Formula	Name and System Nos.
$C_{12}H_{22}O$	Bornyl ethyl ether. B.p., 204.9 3783, 4424, 5297, 5906, 7915, 9639, 10132, 11340, 11412, 11902, 12348, 12665, 12754, 13123, 13154, 13160, 13145, 13821, 13969, 14388, 14496
$C_{12}H_{22}O$	Ethyl isobornyl ether. B.p., 203.8 477, 3217, 3784, 5445, 5990, 9640, 10067, 10133, 10167, 10283, 10380, 10445, 10693, 11131, 11341, 11901, 12057, 12245, 12263, 12287, 12349, 12755, 13812, 14255, 14328, 14389, 14407
$C_{12}H_{22}O_4$	Isoamyl oxalate. B.p., 268.0 3218, 6205, 7592, 9922, 9959, 11151, 11384, 12780, 13618, 13888, 13909, 13936, 13985, 14022, 14039, 14380, 14434, 14452, 14453, 14472, 14480, 14485, 14490, 14497, 14498
$C_{12}H_{24}O_2$	2,2-Dibutoxy-3-butanone. B.p., 228 478
$C_{12}H_{24}O_2$	2,2-Diisobutoxy-3-butanone. B.p., 214 479
$C_{12}H_{26}$	Dodecane. B.p., 216 3785, 5809
$C_{12}H_{26}O_2$	Acetaldehyde diamyl acetal. B.p., 225.3 480, 8679, 14738
$C_{12}H_{26}O_2$	Acetaldehyde diisoamyl acetal. B.p., 213.6 481, 8782, 14747
$C_{12}H_{10}$	Fluorene. B.p., 295 3219, 3786, 5298, 7593, 9923, 9960, 11385, 12781, 13910, 13986, 14460
$C_{12}H_{10}O_2$	Phenyl benzoate. B.p., 315 3220, 3787, 5907, 11152, 14499, 14500
$C_{12}H_{12}$	Diphenylmethane. B.p., 265.6 3221, 3788, 3934, 5299, 5908, 7594, 9924, 9961, 9970, 10099, 11153, 11386, 12614, 12782, 13084, 13199, 13596, 13619, 13777, 13794, 13889, 13911, 13937, 13987, 13988, 13995, 14023, 14040, 14073, 14123, 14134, 14381, 14403, 14420, 14435, 14443, 14454, 14461, 14473, 14481, 14486, 14488, 14491, 14492, 14497
$C_{12}H_{12}O$	Benzyl phenyl ether. B.p., 286.5 3222, 3789, 5909, 7595, 9925, 9962, 9971, 11109, 11154, 11387, 12783, 13912, 14000, 14003, 14074, 14474, 14493, 14501
$C_{12}H_{14}$	2-Isopropyl-naphthalene. B.p., 266.5 11969, 12144
$C_{13}H_{26}$	Tridecane. B.p., 234.0 3790, 8299, 9500, 9702, 9926, 9963, 12187, 12453, 12825, 13035, 13620, 13970
$C_{14}H_{12}$	Stilbene (bibenzal). B.p., 306.5 3223, 3791, 5306, 9964, 11155, 11388, 12784, 13989, 13996, 14499
$C_{14}H_{12}O_2$	Benzyl benzoate. B.p., 324 3992, 5910
$C_{14}H_{14}$	1,2-Diphenylethane. B.p., 284 3224, 3793, 5301, 5911, 7596, 9927, 9965, 10100, 11156, 11389, 12615, 12785, 13795, 13913, 13997, 13998, 14001, 14075, 14135, 14436, 14462, 14475, 14494, 14498, 14501
$C_{14}H_{16}O$	Benzyl ether. B.p., 297 3225, 3794, 5302, 5912, 7597, 11110, 14002, 14004, 14076, 14487, 14500
$C_{14}H_{26}$	Tetradecane. B.p., 252.5 3795, 5810
$C_{14}H_{26}O$	Tetradecyl alcohol. B.p., 260.0 11970, 12145
$C_{15}H_{18}$	2-Amylnaphthalene. B.p., 292.3 11971, 12146
$C_{15}H_{22}BO_2$	Isoamyl borate. B.p., 255 14024, 14446
$C_{16}H_{26}$	Diisopropyl-naphthalene. B.p., 305 11972, 12147

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Vapor-Liquid Equilibrium Diagrams of Alcohol-Ketone Azeotropes as a Function of Pressure

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Pressure has a marked effect on the azeotropic composition and vapor-liquid equilibrium diagrams of alcohol-ketone systems (1). This is due to the fact that the slopes of the vapor pressure curves of alcohols are appreciably greater than for ketones; it results in an unusually larger change in the relative boiling points of the components of an alcohol-ketone system with change in pressure.

As a result of the study of these systems, it has been found that the methanol-acetone azeotrope exhibits the unusual phenomenon of becoming nonazeotropic at both low and high pressures—that is, below 200-mm. pressure the system is nonazeotropic with methanol as the more volatile product, while above 15,000 mm. the system is nonazeotropic with acetone the more volatile component.

Some of the equilibrium data for this system and two other alcohol-ketone azeotropes are shown in Figures 1 and 2 on the following pages.

The similarity of the diagrams for the different systems at suitable pressures is of interest. For example, the diagram for methanol-acetone at 10,000 mm. corresponds approximately to the diagram for methanol-methyl ethyl ketone at 1000 mm. and for ethanol-methyl propyl ketone at 100 mm.

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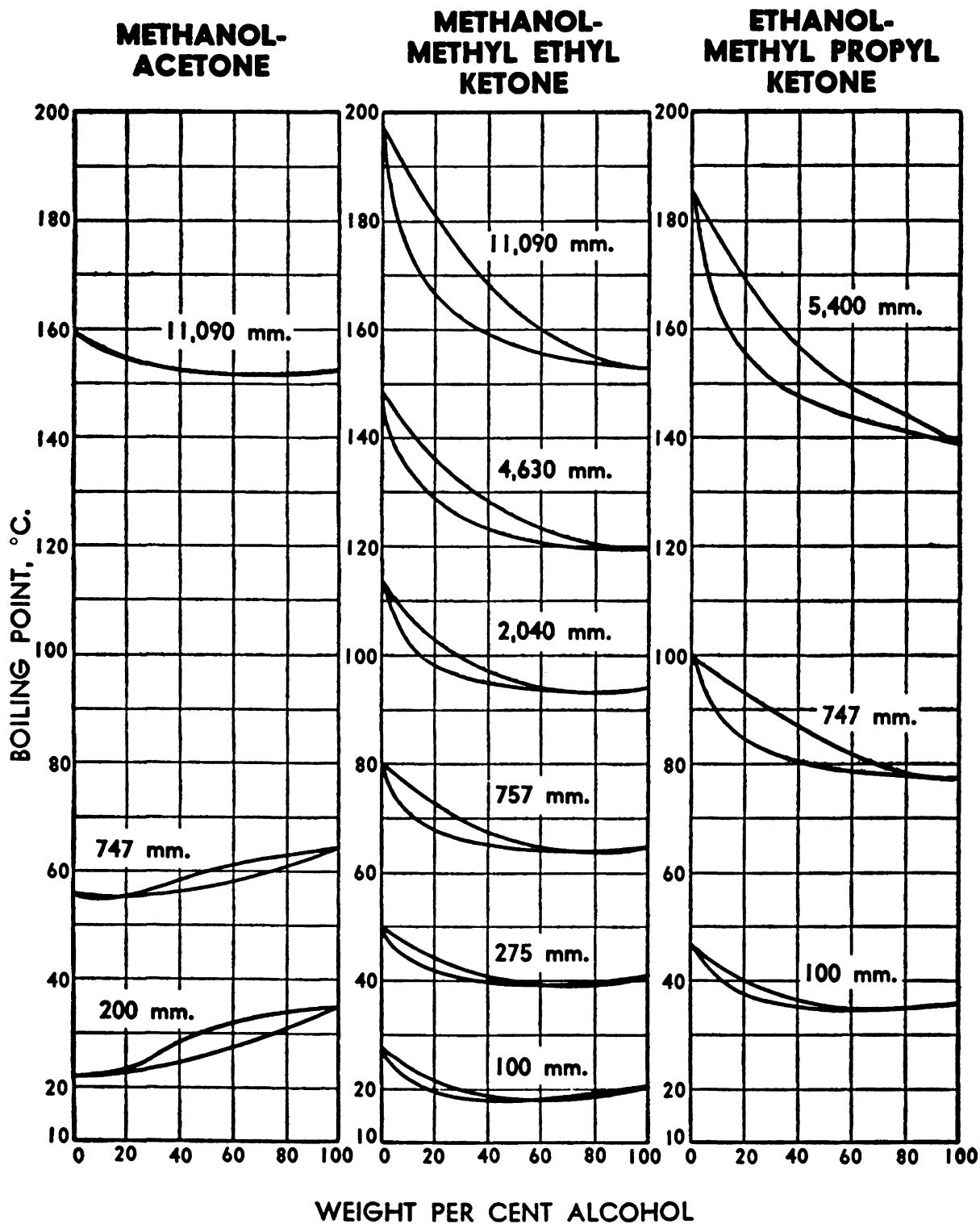


Figure 1. Vapor-Liquid Equilibrium Diagrams of Alcohol-Ketone Systems at Various Pressures

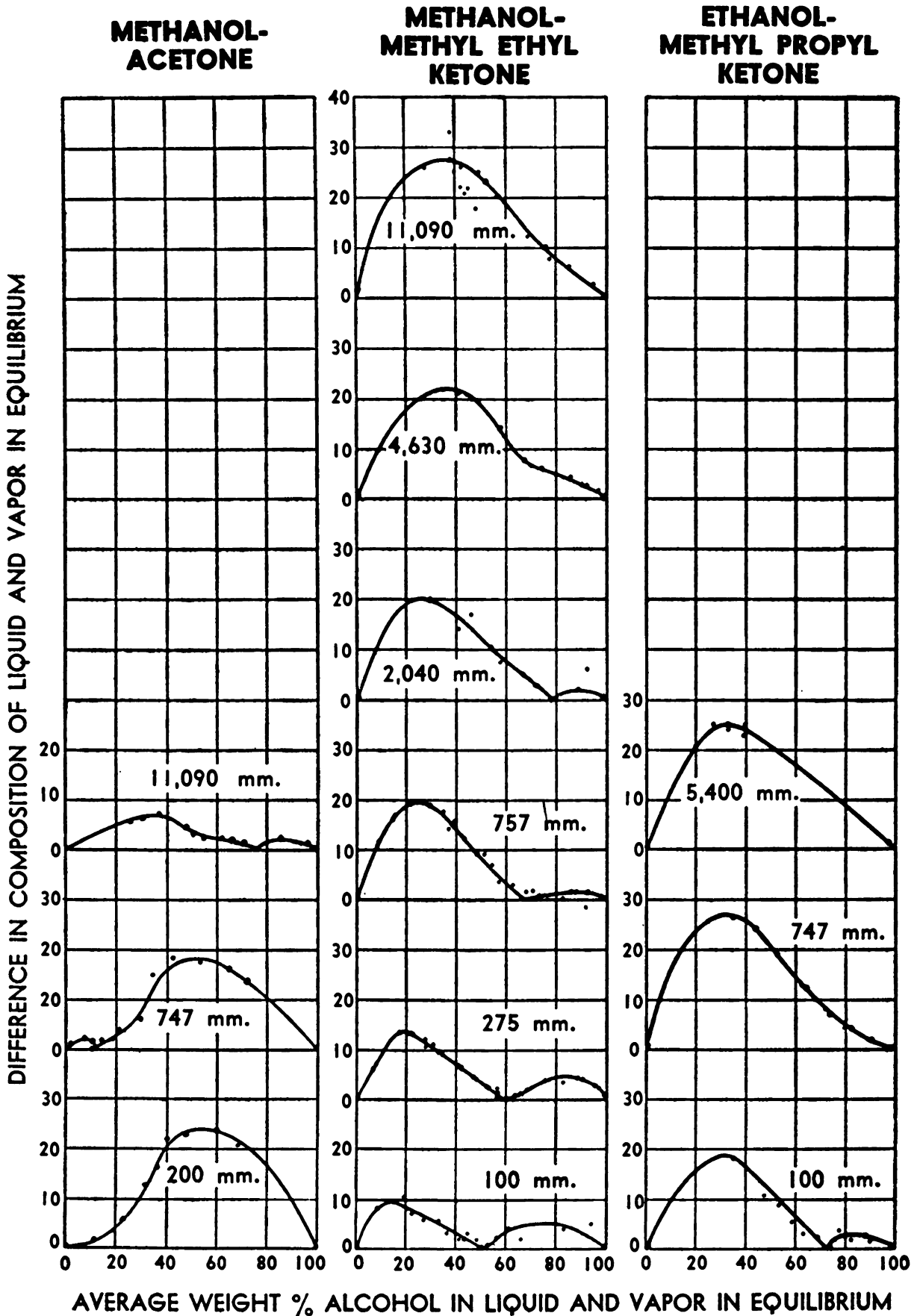


Figure 2. Difference in Composition of Vapor and Liquid in Equilibrium
 As a function of corresponding average composition
 of vapor and liquid for alcohol-ketone systems

Graphical Method for Predicting Effect of Pressure on Azeotropic Systems

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A rapid and easily applicable method has been found for indicating the effect of pressure on the composition and boiling point of an azeotropic system. The method is based on the use of the Cox vapor pressure chart (1) on which the log of vapor pressure is plotted as a function of $1/(t^{\circ}\text{C.} + 230)$ to give a straight line over a wide range of pressures.

Lecat (2) has considered the use of the vapor pressure curves of azeotropes to indicate the pressure at which a system would become nonazeotropic. However, he plotted in the conventional manner and could obtain the curves only by detailed experimental work.

It has been found that the vapor pressure curves of azeotropes are straight lines when plotted on a Cox chart which permits determination of the complete vapor pressure curve from the data at two pressures.

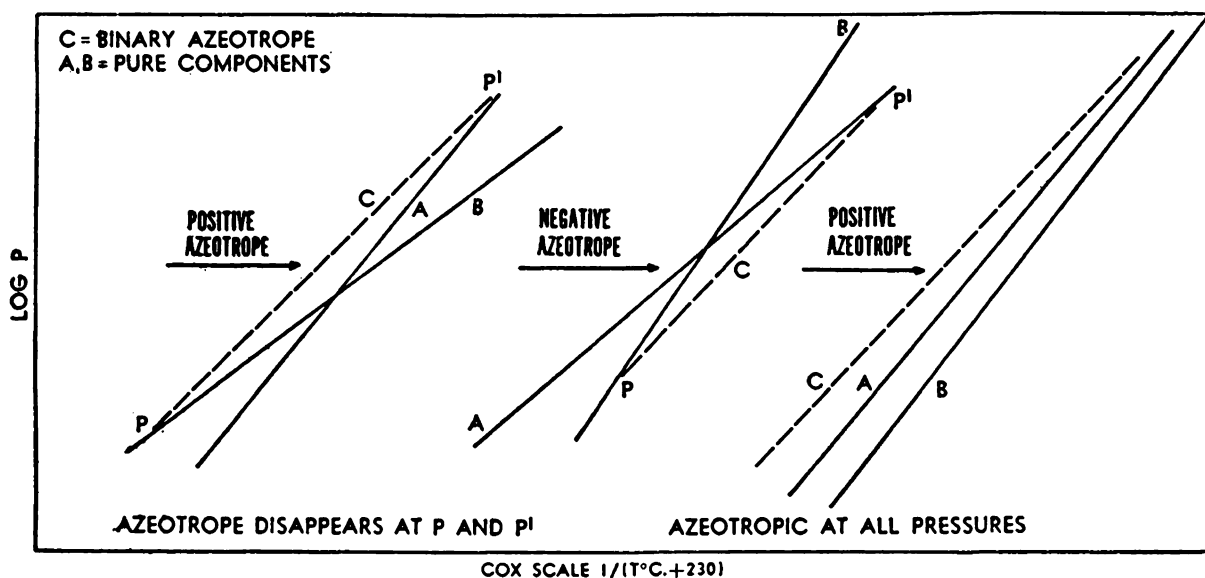


Figure 1. Schematic Diagram of Vapor Pressure Curves of Binary Azeotropes

Since an azeotrope by definition has either a higher or a lower vapor pressure than that of any of the components, the azeotropic vapor pressure curve will always lie above or below the curves of the components. This is indicated schematically in Figure 1 where *A* and *B* are vapor pressure curves of the components and *C* is the vapor pressure of the azeotrope. If curve *C* crosses either *A* or *B*, the azeotropic vapor pressure is no longer greater or less than any of the components and the system will become nonazeotropic at the point of intersection. On the other hand, if the azeotropic curve is parallel to the other curves the system will be azeotropic up to the critical pressure.

The method has been successfully applied to numerous systems, four of which are shown in Figure 2. The azeotrope methanol-methyl ethyl ketone became nonazeotropic

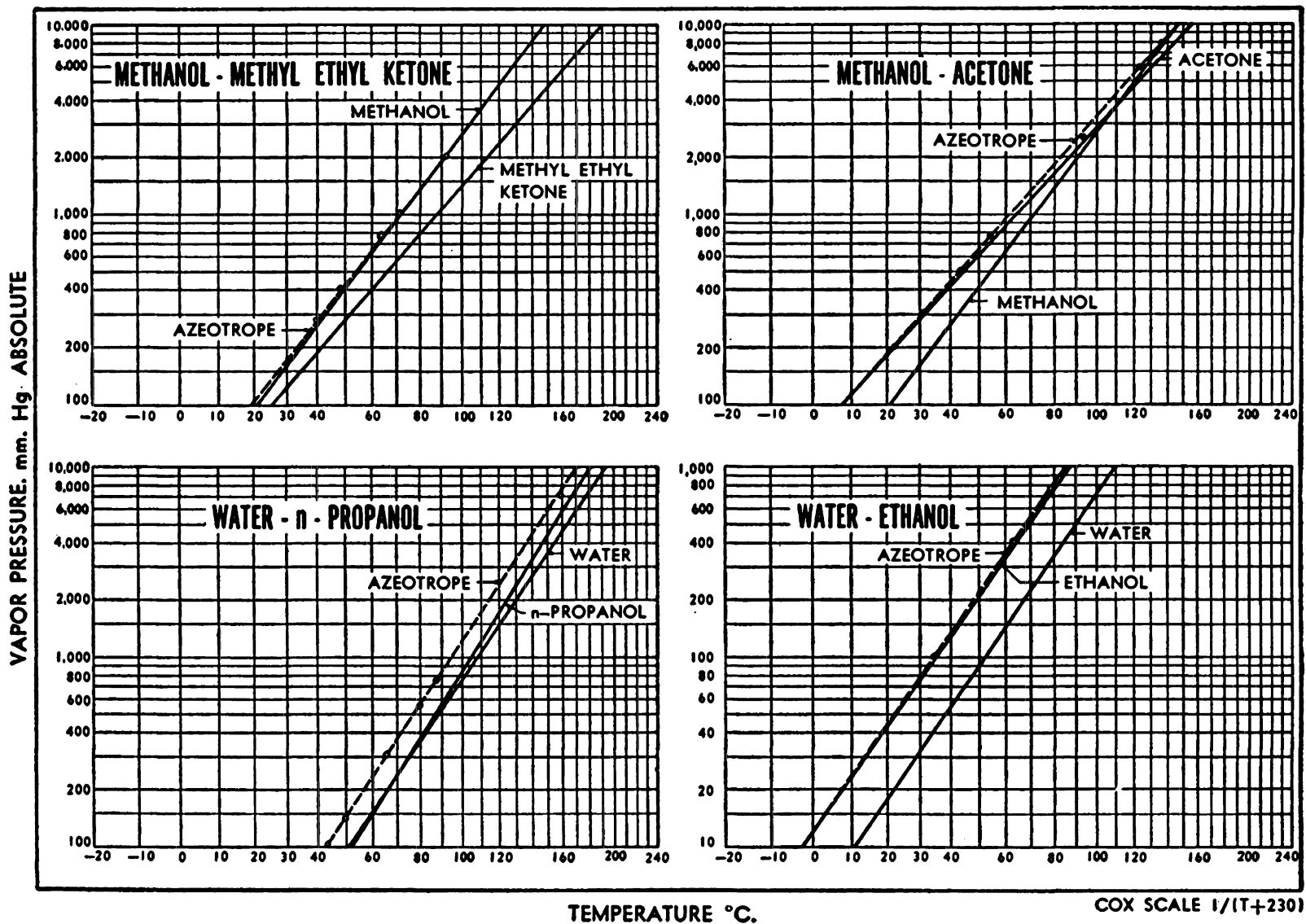


Figure 2. Azeotropic Vapor Pressure Curves of Methanol-Methyl Ethyl Ketone, Methanol-Acetone, Water-n-Propanol, and Water-Ethanol

at 3000 mm. of mercury after it was predicted that this would occur at 2000 to 4000 mm. The azeotrope methanol-acetone was studied in detail after it was predicted that the azeotropism would disappear at both low and high pressures. This system is non-azeotropic below 200 mm. of mercury and above 15,000 mm. compared to predicted limits of 200 to 500 mm. and 10,000 to 20,000 mm. While this is the only azeotropic system known to become nonazeotropic at both low and high pressures, there are indications that the phenomenon occurs in several other systems, contrary to the conclusions of Lecat that such systems probably do not exist (3).

Caution should be used in extrapolating curves to very low pressures because of the possibility of curvature in the vapor pressure lines over a manyfold range of pressures.

In cases where only the normal azeotropic boiling point is known, it is possible to predict the effect of pressure on the system by drawing the azeotrope curve through the normal boiling point with a slope equal to the average slopes of the component vapor pressure curves. This procedure will permit a fairly accurate prediction of whether the azeotrope will cease to exist below the critical pressure.

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Graphical Method for Predicting Azeotropism and Effect of Pressure on Azeotropic Constants

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Lecat (2) has devised an analytical method for determining azeotropic boiling points and compositions for certain related groups of binary systems. The method is based on the fact that the composition and boiling point of an azeotrope are related to the relative boiling points of the two components.

Lecat thus obtained a series of equations of the form

$$\delta = a + |\Delta|b + \Delta^2c$$

$$C = d + \Delta e + \Delta^2f$$

where Δ = (boiling point of component A) - (boiling point of component B)

$|\Delta|$ = difference in boiling point of A and B (absolute value of Δ)

C = azeotropic composition in weight per cent A

δ = difference in boiling point of azeotrope and the lower boiling component

a, b, \dots, f = constants for a given series of related azeotropes such as methanol-hydrocarbons

Note that Δ may be positive or negative; $|\Delta|$ is always positive.

From a practical standpoint, for determining the azeotropic constants of a system, the plots of the above equations have been found more useful and are given in Figures 1 to 5 for forty-five systems for which data are available. Up to this time only the curve for ethanol-halide hydrocarbons has been published (1).

Another use for this set of curves is for estimating the azeotropic boiling point and composition at pressures other than atmospheric. Consider the azeotrope methanol-benzene. Since the vapor pressure curves of methanol and benzene are known, the difference in boiling point, Δ , can be obtained at any pressure. From this value of Δ and the C - Δ curve for methanol-hydrocarbons the azeotropic concentration C at that pressure can be determined. For example, the effect of pressure on the methanol-benzene azeotrope is shown in Table I.

Table I. Effect of Pressure

Pressure, Mm. Hg	Boiling Point, ° C.		Δ , ° C.	Azeotropic Boiling Point, ° C.		C, Weight %	
	Methanol	Benzene		Calcd.	Found	Calcd.	Found
200	35	43	-8	23	26	30	34
400	50	61	-11	39	42	33	36
760	65	80	-15	55	57	39	40
6,000	130	162	-32	125	124	54	55
11,000	153	193	-40	150	149	64	63

A plot of Δ as a function of C from this table is shown in Figure 6. The experimental data are represented by the five points while the smooth curve is identical with the methanol-hydrocarbon curve in Figure 1.

Similar curves and data for other systems over the pressure range indicated are also shown. In each case the curve is the same as the general curves of Figures 1 to 5, while the experimental points are for the particular system and for the pressure range indicated.

In the same way, the $\delta-|\Delta|$ curves of Figures 1 to 5 can be used to determine δ and the azeotropic boiling point at any pressure from the value of $|\Delta|$ at that pressure.

While the agreement between predicted and experimental values is far from perfect, the method has served as a valuable guide in estimating effect of pressure on azeotropic systems.

It is recognized that it would be more convenient to be able to plot pressure instead of Δ as a function of C and δ . However, this would require a separate curve for each azeotrope, whereas the above method permits use of a single curve for a large group of systems.

Literature Cited

- (1) Lecat, *Ann. soc. sci. Bruxelles*, **55B**, 43 (1935).
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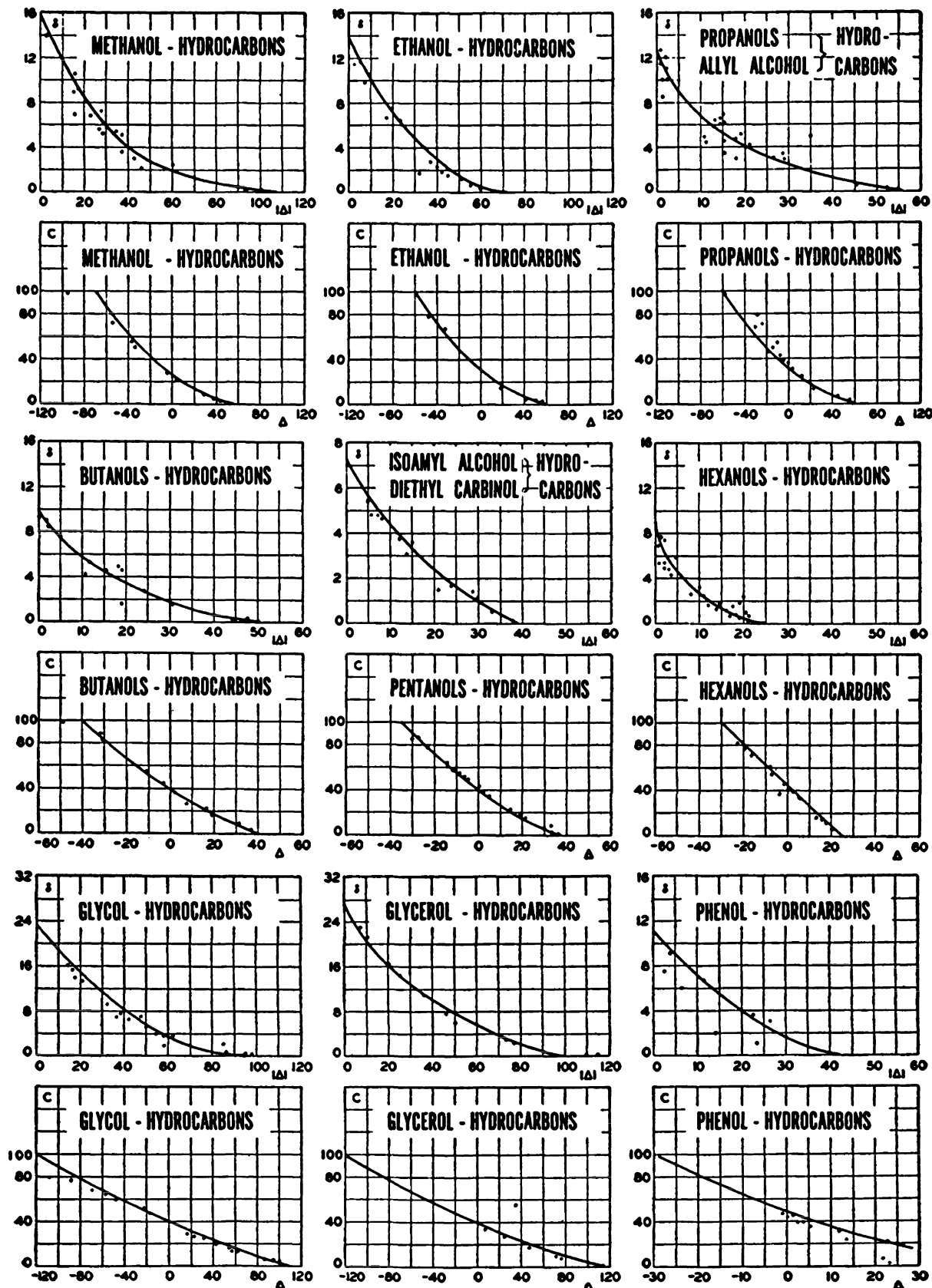


Figure 1. C- Δ and δ - $|\Delta|$ Curves for Alcohol-Hydrocarbon, Glycol-Hydrocarbon, and Phenol-Hydrocarbon Systems

- C. Azeotropic composition in weight % first component
- δ . Boiling point of lower boiling component minus azeotropic boiling point
- $|\Delta|$. Absolute difference in boiling points of components
- Δ . Boiling point of first component minus boiling point of second component

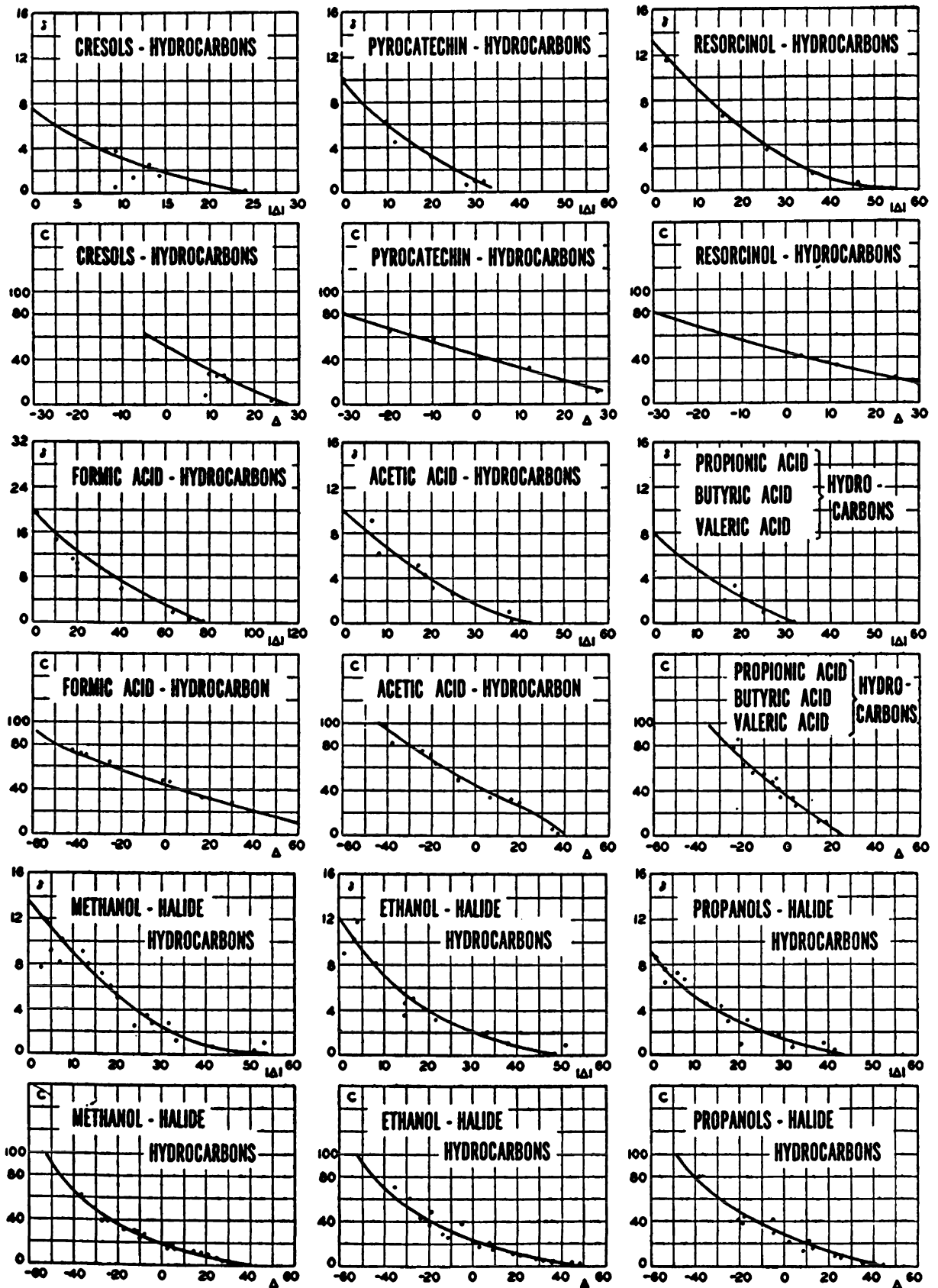


Figure 2. C-Δ and δ-|Δ| Curves for Phenol-Hydrocarbon, Acid-Hydrocarbon, and Alcohol-Halide Hydrocarbon Systems

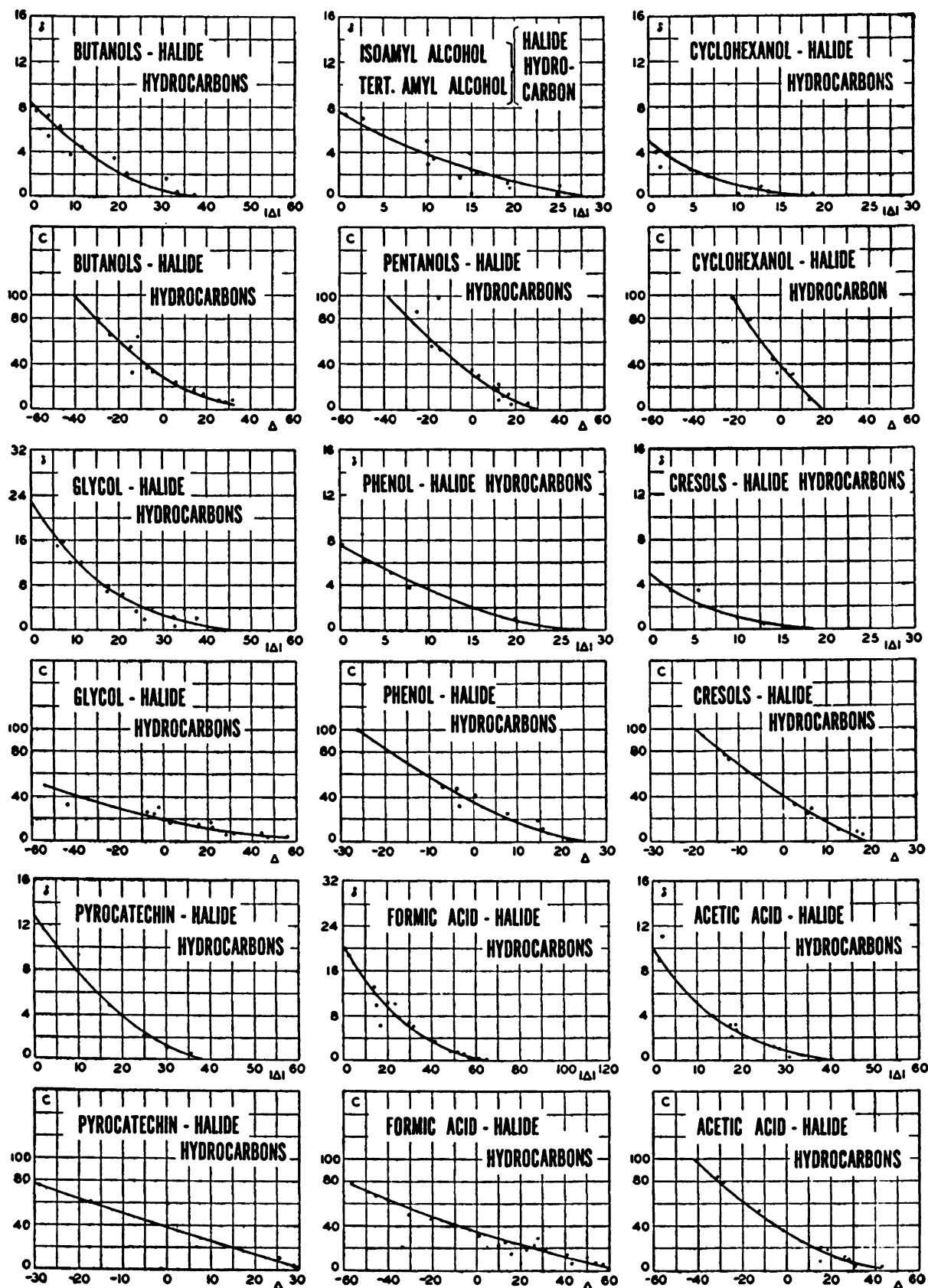


Figure 3. C- Δ and δ - $|\Delta|$ Curves for Alcohol-Halide Hydrocarbon, Glycol-Halide Hydrocarbon, Phenol-Halide Hydrocarbon, and Acid-Halide Hydrocarbon Systems

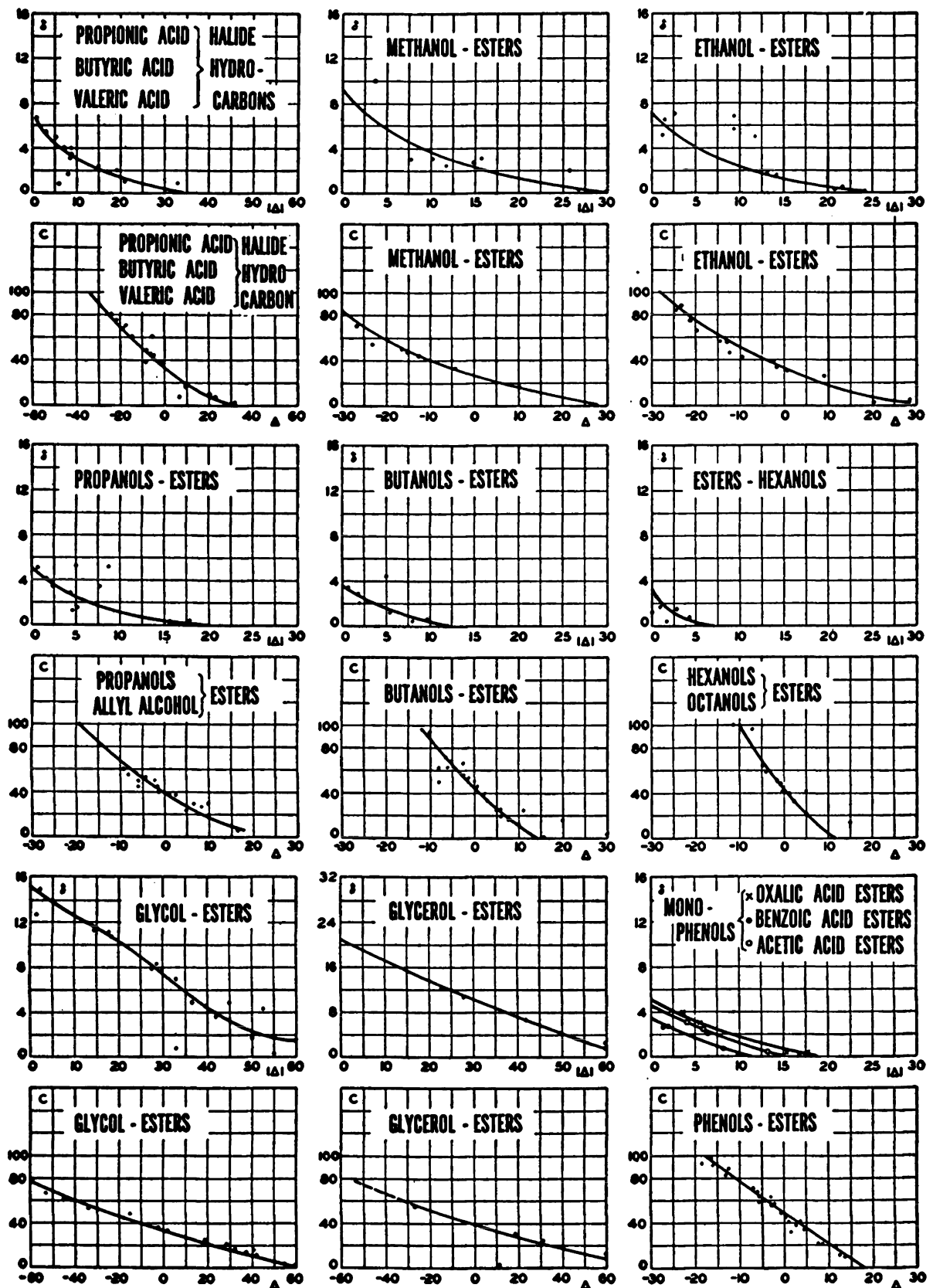


Figure 4. C- Δ and δ - $|\Delta|$ Curves for Acid-Halide Hydrocarbon, Alcohol-Ester, Glycol-Ester, and Phenol-Ester Systems

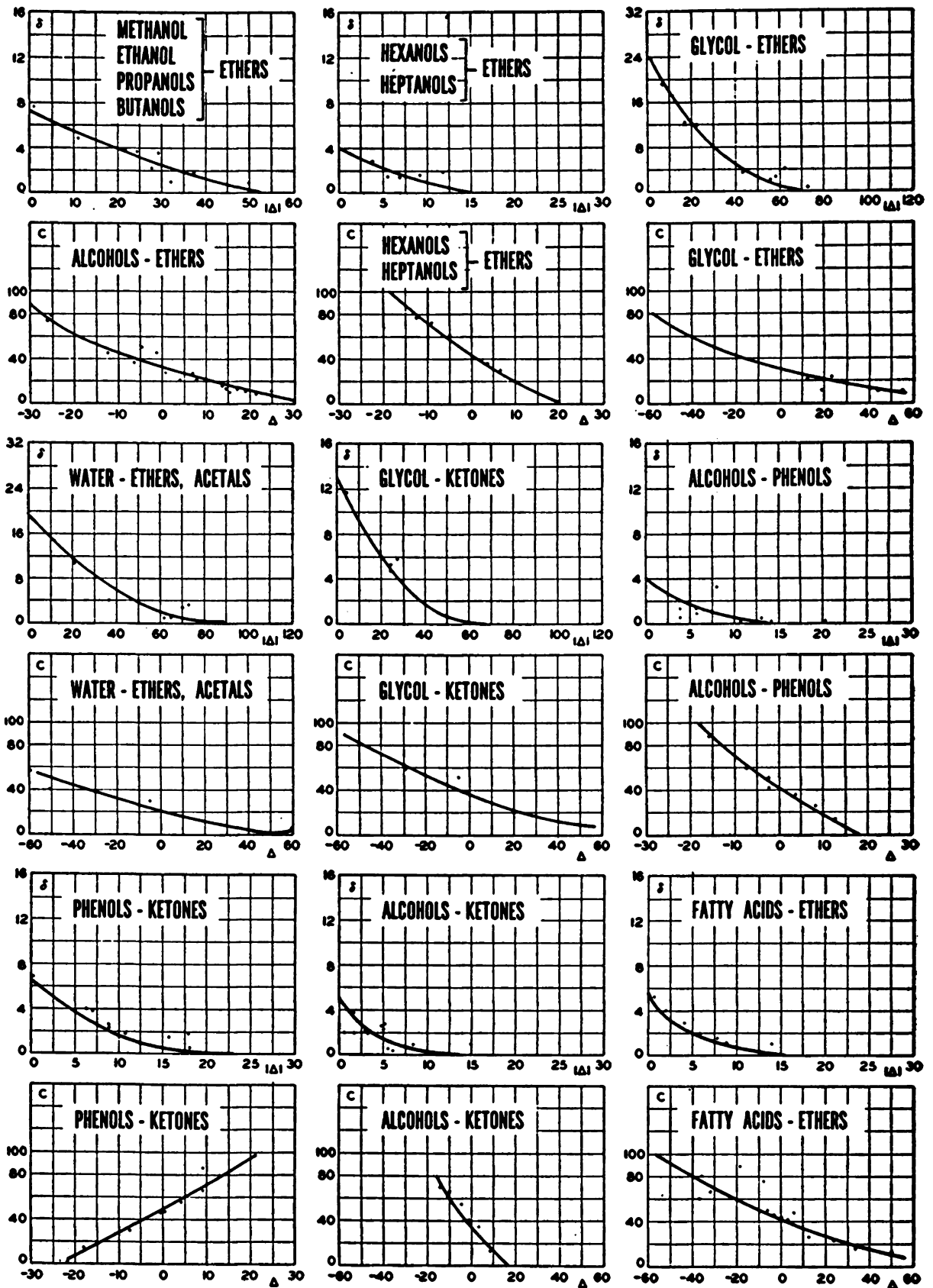


Figure 5. C- Δ and δ - $|\Delta|$ Curves for Alcohols-Ethers, Glycols-Ethers, Water-Ethers, Acids-Ethers, Alcohols-Ketones, Glycol-Ketones, Alcohols-Phenols, and Phenols-Ketones

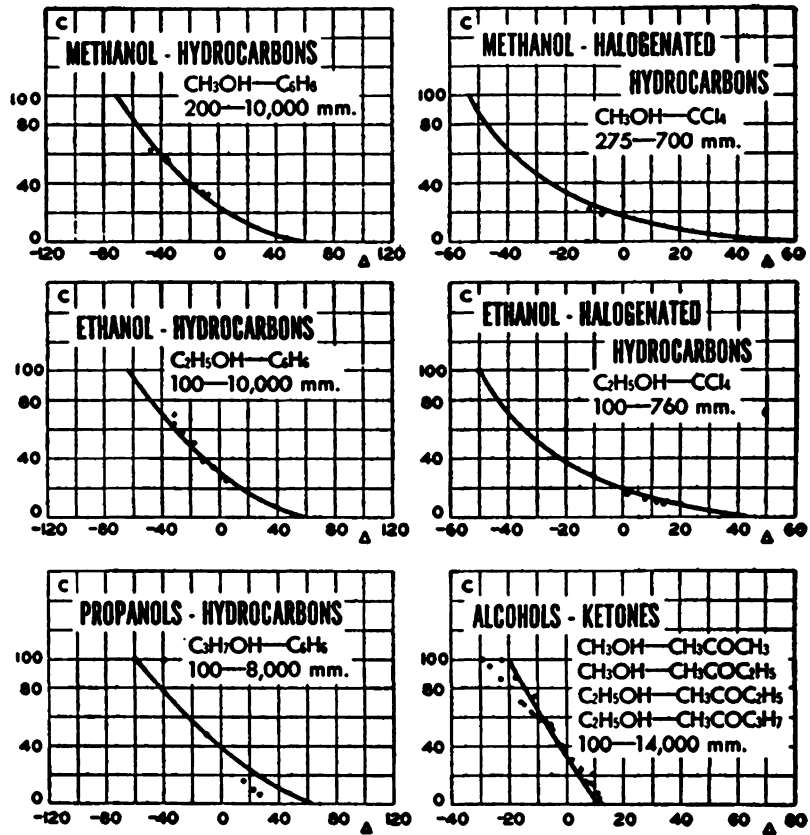


Figure 6. C- Δ Curves for Alcohol-Hydrocarbons, Alcohol-Halide Hydrocarbons, and Alcohols-Ketones

Showing agreement with experimental data at various pressures

C. Weight % alcohol	} hydrocarbon halide hydrocarbon ketone
Δ . Boiling point of alcohol minus boiling point	