

Y

YAG000

HR: 2

YAM BEAN

PROP: A vine with large tuberous roots and violet flowers which grow in long strands. The seed pods are about 5 inches long and contain flat seeds which are yellow, brown, or red. They grow wild in Florida, Hawaii, Guam, and the West Indies. They are cultivated in the Gulf coast states.

SYNS: CHOPSUI POTATO □ HABILLA (PUERTO RICO) □ JICAMA de AQUA (CUBA) □ JICAMO (MEXICO) □ PACHYRHIZUS EROSUS □ POIS COCHON (HAITI) □ POIS MANIOC (HAITI) □ SARGOTT □ WILD YAM BEAN

SAFETY PROFILE: The seeds and mature pods contain the poison saponin. They also contain the insecticidal rotenone and pachyrrhizin. The roots and immature pods are edible. Ingestion of half of a seed produces strong diarrhea which may lead to dehydration and electrolyte loss, especially in children. See also SAPONIN and ROTENONE.

YAG500

CAS: 14907-98-3

HR: D

YATANSIN

mf: $C_{26}H_{32}O_{11}$ mw: 520.58

SYNS: BRUSATOL □ (+)-BRUSATOL □ 2H-3,11C-β-(EPOXY-METHANO)PHENANTHRO(10,1-BC)PYRAN-3-α(3A-β-H)-CARBOXYLIC ACID,1,4,5,6A-β,7,7A-α,10,11,11A,11B-α-DECAHYDRO-8,11A-β-DIM ETHYL-5,10-DIOXO-1-β,2-α,4-β,9-TETRAHYDROXY-, METHYL ESTER, 4-(3-METHYLCROTONATE)

TOXICITY DATA with REFERENCE:

dni-mus-lym 15 μmol/L JPMSAE 68,883,1979

uns-mus-lym 15 μmol/L JPMSAE 68,883,1979

SAFETY PROFILE: Mutation data reported. When heated to decomposition it emits acrid smoke and irritating vapors.

YAK000

HR: 1

YEAST (active)

SAFETY PROFILE: A nuisance dust. When heated to decomposition it emits acrid smoke and irritating fumes.

YAK050

CAS: 8013-01-2

HR: 1

YEAST EXTRACT

PROP: Powder.

SYN: YEAST, EXT.

TOXICITY DATA with REFERENCE:

ipr-rat LD50:4500 mg/kg TOIZAG 23,295,76

ipr-mus LD50:>8 g/kg TOIZAG 23,295,76

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

SAFETY PROFILE: Low toxicity by ingestion, skin contact and intraperitoneal routes. When heated to decomposition it emits acrid smoke and irritating vapors.

YAK100

HR: 2

YELLOW JESSAMINE

PROP: A climbing evergreen with 4-inch long, lance-shaped paired leaves. The funnel-shaped flowers are bright yellow and fragrant. The seeds have wings. It grows wild in wooded areas in the region bounded by Virginia, Florida, Texas, and Arkansas, and is cultivated in the same areas and in southern California.

SYNS: CAROLINA JASMINE □ CAROLINA WILD WOODBINE □ CAROLINA YELLOW JASMINE □ EVENING TRUMPET FLOWER □ GELSEMIUM SEMPERVIRENS □ MADRESELVA (MEXICO) □ WOOD VINE □ YELLOW FALSE JESSAMINE

SAFETY PROFILE: The whole plant contains the poisons gelsemine, gelsemicine, and other alkaloids. Ingestion of any part of the plant and particularly the flowers may cause headache, dizziness, visual disturbances, and muscular weakness. Some effects are similar to mild strychnine poisoning. See also GELSEMINE.

YAK300

HR: 3

YELLOW NIGHTSHADE

PROP: A shrub-like vine which produces clusters of yellow flowers. The flowers have 5 petals which may have red marks on the inside. The winged seeds are contained in 8-inch long, narrow seed pods. It grows wild in Florida, the Bahamas, and the Lesser Antilles.

SYNS: BABEIRO AMARILLO (PUERTO RICO) □ BEJUCO AHOJA VACA (DOMINICAN REPUBLIC) □ CATESBY'S VINE (BAHAMAS) □ CORNE CABRITE (HAITI) □ CURAMAGUEY (CUBA) □ NIGHTSAGE (JAMAICA) □ URECHITES LUTEA □ WILD ALLAMANDA (FLORIDA) □ WILD NIGHTSHADE □ WILD UNCTION (BAHAMAS)

SAFETY PROFILE: The leaf contains the poisonous urechitoxin, a cardiac glycoside. Human systemic effects by ingestion include: mouth pain, nausea, vomiting, abdominal pain and cramps, diarrhea. Cardiac glycosides may cause death by their effect on heart function. See also DIGITALIS.

YAK350

HR: 3

YELLOW OLEANDER

PROP: A small tree which grows to 20 feet. It produces a pink-tinged, yellow flower and a 1-inch, clam-shaped seed pod which holds up to 4 flat seeds. The tree grows wild in southern Florida, the southwestern United States, Hawaii, Guam, and the West Indies.

SYNS: AHOUI des ANTILLES □ BE-STILL TREE □ CABLONGA □ FLOR del PERU □ LUCKY NUT □ NOHO-MALIE (HAWAII) □ RETAMA □ SERPENT □ THEVETIA PERUVIANA

SAFETY PROFILE: All parts of the plant and especially the seeds contain poisonous digitalis-like glycosides. Human systemic effects by ingestion include: mouth pain, nausea, vomiting, abdominal pain and cramps, diarrhea. Cardiac glycosides may cause death by their effect on heart function. See also DIGITALIS.

YAK500 YEW

HR: 3

PROP: Evergreen trees and shrubs with a thin, red-brown, scaly bark and needle-like, 1-inch leaves. The hard seeds range from green to black in color and are contained in a red cup. The various species grow throughout most of North America.

SYNS: BUIS de SAPIA (CANADA) □ GROUND HEMLOCK □ TAXUS (VARIOUS SPECIES)

SAFETY PROFILE: Most of the plant, including the seeds, contains poisonous taxine alkaloids. Ingestion of these plant parts may cause dizziness, dilated pupils, abdominal cramps, vomiting, slowed heartbeat and cardiac arrhythmias, low blood pressure, labored breathing, coma and death by cardiac or respiratory failure. See also TAXINE.

YAT000

CAS: 8006-81-3

HR: 1

YLANG YLANG OIL

PROP: Light yellow, very fragrant liquid. D: 0.930–0.950 @ 20°/20°. From steam distillation of the flowers of *Cananga odorata hook F. et al.* (FCTXAV 12,807,74).

TOXICITY DATA with REFERENCE:

skn-rbt 500 mg/24H MLD FCTXAV 12,807,74

orl-rat LD50:>5 g/kg FCTXAV 12,1015,74

skn-rbt LD50:>5 g/kg FCTXAV 12,1015,74

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

SAFETY PROFILE: Low toxicity by ingestion and skin contact. A skin irritant. When heated to decomposition it emits acrid smoke and irritating vapors.

YBJ000

CAS: 146-48-5

HR: 3

YOHIMBINE

mf: $C_{21}H_{26}N_2O_3$ mw: 354.49

PROP: Colorless needles from water and alc. Mp: 234°. Sltly sol in water, ether; sol in alc, chloroform, hot benzene.

SYNS: APHRODINE □ APHROSOL □ CORYNINE □ 17-HYDROXY-YOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER □ QUEBRACHIN □ QUEBRACHINE □ YOHIMBIC ACID METHYL ESTER

TOXICITY DATA with REFERENCE:

ipr-mus TDLo:1 mg/kg (male 1D pre):REP NUNDAJ 12,69,90

orl-wmn TDLo:5 g/kg:PNS,CVS AEMED3 14,1002,85

orl-mus LD50:43 mg/kg ARZNAD 5,432,55

ipr-mus LD50:16 mg/kg ARZNAD 5,432,55

scu-mus LD50:37 mg/kg ARZNAD 5,432,55

scu-rbt LDLo:50 mg/kg HBAMAK 4,1418,35

ivn-rbt LDLo:11 mg/kg HBAMAK 4,1418,35

SAFETY PROFILE: Poison by ingestion, subcutaneous, intravenous, and intraperitoneal routes. Experimental

reproductive effects. Human systemic effects: ataxia, heart rate changes, paresthesia.

Cases of poisoning have occurred from its use as an aphrodisiac. Upon local application it produces anesthesia. However, absorption of it can give rise to toxic symptoms, such as salivation, increased respiration, and diarrhea. With reference to the circulatory system, there may be a fall in blood pressure and sometimes myocardial damage, involving particularly the conduction system of the heart, with a resultant decrease in the efficiency of the heart. An adrenergic blocker used to treat arteriosclerosis and angina pectoris. Formerly used as a local anesthetic and mydriatic (pupillary dilator). When heated to decomposition it emits toxic fumes of NO_x .

YBS000

CAS: 65-19-0

HR: 3

YOHIMBINE HYDROCHLORIDE

mf: $C_{21}H_{26}N_2O_3 \cdot ClH$ mw: 390.95

PROP: Orthorhombic needles or plates. Decomp @ 302°.

SYNS: APHRODINE HYDROCHLORIDE □ YOHIMBINE MONOHYDROCHLORIDE

TOXICITY DATA with REFERENCE:

orl-man TDLo:133 µg/kg:BAH AJPSAO 141,1267,84

orl-wmn TDLo:400 µg/kg:BAH AJPSAO 141,1267,84

ipr-rat LD50:55 mg/kg AIPTAK 110,20,57

orl-mus LD50:40 mg/kg JPMSAE 51,345,62

scu-dog LDLo:20 mg/kg LDBU** -,3,32

scu-frg LD50:34 mg/kg CRSBAW 137,305,43

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

SAFETY PROFILE: Poison by ingestion, intraperitoneal, and subcutaneous routes. Human systemic effects: distorted perceptions, euphoria, hallucinations. When heated to decomposition it emits toxic fumes of NO_x and HCl. See also YOHIMBINE.

YBS500

CAS: 75444-63-2

HR: 3

β-YOHIMBINE HYDROCHLORIDE

mf: $C_{21}H_{26}N_2O_3 \cdot ClH$ mw: 390.95

SYNS: YOHIMBAN-16-CARBOXYLIC ACID, 17-HYDROXY-, METHYL ESTER, MONOHYDROCHLORIDE, (16α,17β)- □ β-YOHIMBIN HYDROCHLORIDE

TOXICITY DATA with REFERENCE:

orl-mus LDLo:50 mg/kg LDBU** -,1932

ivn-rbt LDLo:1 mg/kg LDBU** -,1932

SAFETY PROFILE: A poison by ingestion and intravenous routes. When heated to decomposition it emits toxic vapors of NO_x , HCl, and Cl⁻.

YCA000

CAS: 6211-32-1

HR: 3

α-YOHIMBIN HYDROCHLORIDE

mf: $C_{21}H_{26}N_2O_3 \cdot ClH$ mw: 390.95

PROP: Crystals. Mp: 288°.

SYNS: 17-α-HYDROXY-20-α-YOHIMBAN-16-β-CARBOXYLIC ACID, METHYL ESTER, HYDROCHLORIDE □ RAUWOLSCINE HYDROCHLORIDE

TOXICITY DATA with REFERENCE:

orl-mus LDLo:125 mg/kg LDBU** -,3,32

scu-dog LDLo:20 mg/kg LDBU** -,3,32

SAFETY PROFILE: Poison by ingestion and subcutaneous routes. When heated to decomposition it emits very toxic fumes of NO_x and HCl . See also YOHIMBINE.

YCJ000 CAS: 3458-22-8 HR: 3
YOSHI 864

mf: $\text{C}_8\text{H}_{19}\text{NO}_6\text{S}_2 \cdot \text{ClH}$ mw: 325.86

PROP: Crystals from Me_2CO /isopropyl ether. Mp: 95–96°.

SYNS: N,N-BIS(METHYLSULFONEPROPOXY)AMINE HYDROCHLORIDE □ COMPOUND 864 □ 3,3'-IMIDODI-1-PROPANOL, DIMETHANESULFONATE (ester), HYDROCHLORIDE □ IPD □ NCI-C01547 □ NSC 102627 □ SAKURAI No. 864

TOXICITY DATA with REFERENCE:

oms-hmn:lym 100 mg/L EJCAAH 14,741,78
 ipr-rat TDLo:3744 mg/kg/52W-I:NEO NCITR* NCI-CG-TR-18,78

ivn-hmn TDLo:5400 µg/kg/2D-I:CNS,GIT CANCAR 35,1145,75

ivn-rat LD50:75 mg/kg ARZNAD 24,1139,74

ipr-mus LD10:170 mg/kg JMCAR 20,515,77

CONSENSUS REPORTS: NCI Carcinogenesis Bioassay (ipr); Clear Evidence: mouse, rat NCITR* NCI-CG-TR-18,78.

SAFETY PROFILE: Poison by intraperitoneal and intravenous routes. Human systemic effects by intravenous route: somnolence, hypermotility, diarrhea, nausea or vomiting. Questionable carcinogen with experimental neoplastigenic data. Human mutation data reported. When heated to decomposition it emits very toxic fumes of NO_x , SO_x , and HCl .

YCJ200 CAS: 13171-25-0 HR: 3
YOSIMILON

mf: $\text{C}_{14}\text{H}_{22}\text{N}_2\text{O}_3 \cdot 2\text{ClH}$ mw: 339.30

PROP: A solid. Mp: 225–228°.

SYNS: KYURINETT □ S 4004 □ 1-(2,3,4-TRIMETHOXYBENZYL)-PIPERAZINE DIHYDROCHLORIDE □ 1-((2,3,4-TRIMETHOXY-PHENYL)METHYL)PIPERAZINE DIHYDROCHLORIDE (9CI) □ TRIMETAZIDINE DIHYDROCHLORIDE □ TRIMETAZIDINE HYDROCHLORIDE □ VASTAREL

TOXICITY DATA with REFERENCE:

orl-rat LD50:1700 mg/kg NIIRDN 6,527,82

ipr-rat LD50:345 mg/kg NIIRDN 6,527,82

scu-rat LD50:1500 mg/kg NIIRDN 6,527,82

orl-mus LD50:1550 mg/kg NIIRDN 6,527,82

ipr-mus LD50:310 mg/kg MEIEDD 10,1386,83

scu-mus LD50:410 mg/kg NIIRDN 6,527,82

ivn-mus LD50:150 mg/kg MEIEDD 10,1386,83

SAFETY PROFILE: Poison by intravenous and intraperitoneal routes. Moderately toxic by ingestion and subcutaneous routes. When heated to decomposition it emits toxic fumes of NO_x and HCl .

YDA000 CAS: 7440-64-4 HR: 2
YTTERBIUM

af: Yb aw: 173.04

PROP: A bright, silvery, lustrous, soft, malleable, ductile, and fairly stable element; somewhat air- and moisture-sensitive. It is attacked by dil and conc mineral acids. Mp: 824°, bp: 1193°, d: 6.977. A rare earth.

TOXICITY DATA with REFERENCE:

imp-mus TDLo:25 g/kg:ETA PSEBAA 135,426,70

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

SAFETY PROFILE: As a lanthanon it may have an anticoagulant action on blood. Questionable carcinogen with experimental tumorigenic data. Flammable in the form of dust when reacted with air, halogens. See also LANTHANUM and RARE EARTHS.

YDJ000 CAS: 10361-91-8 HR: 3
YTTERBIUM CHLORIDE

mf: Cl_3Yb mw: 279.39

PROP: Hexahydrate, deliq needles, crystals, or hygroscopic white solid. D: 2.575, mp: 150–155°. Sol in water.

SYN: YTTERBIUM TRICHLORIDE

TOXICITY DATA with REFERENCE:

skn-rbt 500 mg/24H MOD TXAPA9 5,427,63

eye-rbt 50 mg TXAPA9 5,427,63

ivn-ham TDLo:100 mg/kg (female 8D post):TER TJADAB 11,289,75

orl-mus LD50:4836 mg/kg EQSSDX 1,1,75

ipr-mus LD50:300 mg/kg EQSSDX 1,1,75

ipr-gpg LD50:132 mg/kg AEHLAU 5,437,62

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

SAFETY PROFILE: Poison by intraperitoneal route. Mildly toxic by ingestion. An experimental teratogen. A skin and eye irritant. When heated to decomposition it emits toxic fumes of Cl_2 . See also YTTERBIUM, RARE EARTHS, and CHLORIDES.

YDS800 CAS: 13768-67-7 HR: 3
YTTERBIUM NITRATE

mf: $\text{N}_3\text{O}_9 \cdot \text{Yb}$ mw: 235.05

PROP: Hygroscopic colorless solid or crystals. Sol in water and alc.

SYN: NITRIC ACID, YTTERBIUM(3+) SALT

TOXICITY DATA with REFERENCE:

orl-rat LD50:1623 mg/kg EQSSDX 1,1,75

ipr-rat LD50:128 mg/kg EQSSDX 1,1,75

orl-mus LD50:126 mg/kg EQSSDX 1,1,75

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

SAFETY PROFILE: Poison by ingestion and intraperitoneal routes. Experimental reproductive effects. When heated to decomposition it emits toxic fumes of NO_x . See also YTTERBIUM, RARE EARTHS, and NITRATES.

YEA000 CAS: 13839-85-5 HR: 3
YTTERBIUM(III) NITRATE, HEXAHYDRATE (1:3:6)

mf: $\text{N}_3\text{O}_9 \cdot \text{Yb} \cdot 6\text{H}_2\text{O}$ mw: 467.19

SYN: NITRIC ACID, YTTERBIUM(3+) SALT, HEXAHYDRATE

TOXICITY DATA with REFERENCE:

orl-rat LD50:3100 mg/kg TXAPA9 5,750,63
 ipr-rat LD50:255 mg/kg TXAPA9 5,750,63
 ipr-mus LD50:250 mg/kg TXAPA9 5,750,63

SAFETY PROFILE: Poison by intraperitoneal route. Moderately toxic by ingestion. When heated to decomposition it emits toxic fumes of NO_x. See also YTTERBIUM NITRATE.

YEJ000 CAS: 7440-65-5 HR: 3
YTTRIUM

af: Y aw: 88.9059

PROP: Hexagonal, silvery-metallic colored element. Reasonably air-stable; gray-black when finely divided. Brittle, rather harder than zinc. Reacts slowly with cold H₂O, rapidly with dil acid. Burns easily. Reacts with Cl₂ at 2° and O₂ at 4°. Mp: 1522°, bp: 3338°, d: 4.469. IDLH 500 mg/m³ (as Y).

SYN: YTTRIUM-89

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

OSHA PEL: TWA 1 mg(Y)/m³

ACGIH TLV: TWA 1 mg(Y)/m³

DFG MAK: 5 mg(Y)/m³

SAFETY PROFILE: It may have an anticoagulant effect on the blood. Flammable in the form of dust when reacted with air, halogens.

ANALYTICAL METHOD: For occupational chemical analysis use NIOSH: Elements (ICP) 7300.

YES000 CAS: 10361-92-9 HR: 3
YTTRIUM CHLORIDE

mf: Cl₃Y mw: 195.26

PROP: Hexahydrate, colorless, deliq crystals. Mp: 721°, bp: 1507°. Sol in water, alc, Py, DMSO; sltly sol in THF and DMF.

SYN: YTTRIUM TRICHLORIDE

TOXICITY DATA with REFERENCE:

ipr-rat LD50:45 mg/kg AMIHAB 16,475,57
 ipr-mus LD50:88 mg/kg AMIHAB 16,475,57
 ipr-gpg LD50:85 mg/kg AEHLAU 5,437,62

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

ACGIH TLV: TWA 1 mg(Y)/m³

SAFETY PROFILE: Poison by intraperitoneal route. When heated to decomposition it emits toxic fumes of Cl⁻. See also YTTRIUM and RARE EARTHS.

YFA000 CAS: 63938-20-5 HR: 3
YTTRIUM CITRATE

mf: C₆H₈O₇•1/3Y mw: 221.75

PROP: Colorless liquid.

SYN: CITRIC ACID, YTTRIUM SALT (3:1)

TOXICITY DATA with REFERENCE:

ipr-gpg LD50:44 mg/kg AEHLAU 5,437,62

ACGIH TLV: TWA 1 mg(Y)/m³

SAFETY PROFILE: Poison by intraperitoneal route. Questionable carcinogen with experimental tumorigenic

data. When heated to decomposition it emits acrid smoke and irritating fumes. See also YTTRIUM and RARE EARTHS.

YFA100 CAS: 12558-71-3 HR: 3
YTTRIUM EDETATE complex

mf: C₁₀H₁₃N₂O₈•Y mw: 378.16

SYN: ACETIC ACID, (ETHYLENEDINITRILIO)TETRA-, YTTRIUM complex

TOXICITY DATA with REFERENCE:

ipr-gpg LD50:107 mg/kg AEHLAU 5,437,62

ACGIH TLV: TWA 1 mg(Y)/m³

SAFETY PROFILE: Poison by intraperitoneal route. When heated to decomposition it emits toxic fumes of NO_x and Y.

YFJ000 CAS: 10361-93-0 HR: 3
YTTRIUM(III) NITRATE (1:3)

mf: N₃O₉•Y mw: 274.94

PROP: Hexahydrate, deliq crystals. Sol in water.

SYN: NITRIC ACID, YTTRIUM(3+) SALT

TOXICITY DATA with REFERENCE:

skn-rbt 500 mg/24H MOD JACTDZ 12,629,93

eye-rbt 100 mg SEV JACTDZ 12,629,93

spm-dom-itr 5 mg/kg IJEBA6 11,143,73

orl-rat LDLo:5 g/kg JACTDZ 12,629,93

ipr-rat LD50:350 mg/kg AIHOAX 1,637,50

ipr-mus LD50:1710 mg/kg EQSFAP 1,1,75

ivn-rbt LD50:515 mg/kg EQSSDX 1,1,75

CONSENSUS REPORTS: Reported in EPA TSCA Inventory.

ACGIH TLV: TWA 1 mg(Y)/m³

SAFETY PROFILE: Poison by intraperitoneal route. Moderately toxic by intravenous route. Experimental reproductive effects. Questionable carcinogen with experimental tumorigenic data. A skin and eye irritant. Mutation data reported. When heated to decomposition it emits toxic fumes of NO_x. See also NITRATES, YTTRIUM, and RARE EARTHS.

YFS000 CAS: 13494-98-9 HR: 3
YTTRIUM(III) NITRATE HEXAHYDRATE (1:3:6)

mf: N₃O₉•Y•6H₂O mw: 383.06

PROP: Colorless to reddish triclinic crystals. Deliq. D: 2.68, mp: -3H₂O. Sol in water and alc.

SYNS: NITRIC ACID, YTTRIUM(3+)SALT, HEXAHYDRATE □ YTTRIUMNITRAT (GERMAN)

TOXICITY DATA with REFERENCE:

scu-mus LDLo:1660 mg/kg AEPPAE 141,273,29

scu-frg LDLo:350 mg/kg AEPPAE 141,273,29

ACGIH TLV: TWA 1 mg(Y)/m³

SAFETY PROFILE: Poison by subcutaneous route. When heated to decomposition it emits toxic fumes of NO_x.

YGA000 CAS: 1314-36-9 HR: 3
YTTRIUM OXIDE

mf: O₃Y₂ mw: 225.82

PROP: White powder or solid. D: 4.84, mp: 2410°. Insol in water.

SYN: YTTRIA

TOXICITY DATA with REFERENCE:

ipr-rat LD50:230 mg/kg 85GMAT -,121,82

CONSENSUS REPORTS: Reported in EPA TSCA

Inventory.

ACGIH TLV: TWA 1 mg(Y)/m³

SAFETY PROFILE: A poison by intraperitoneal route.

See also YTTRIUM and RARE EARTHS.

YGA700

CAS: 89194-77-4

HR: 3

YUTAC

mf: C₁₇H₂₃ClN₂O₂•ClH

mw: 359.29

PROP: Crystals from pet ether. Mp: 66–67°, bp: 120°.

SYNS: 4-CHLOROBENZOIC ACID-3-ETHYL-7-METHYL-3,7-DIAZABICYCLO(3.3.1)NON-9-YL ESTER HYDROCHLORIDE □ 3-ETHYL-7-METHYL-9- α -(4'-CHLOROBENZOYLOXY)-3,7-DIAZABICYCLO(3.3.1)NONAME HYDROCHLORIDE □ RGH 2957

TOXICITY DATA with REFERENCE:

orl-rat LD50:383 mg/kg DRFUD4 10,837,85

ivn-rat LD50:17,600 μ g/kg DRFUD4 10,837,85

orl-mus LD50:378 mg/kg DRFUD4 10,837,85

ivn-mus LD50:25,900 μ g/kg DRFUD4 10,837,85

SAFETY PROFILE: Poison by ingestion and intravenous routes. When heated to decomposition it emits toxic fumes of NO_x and HCl. See also ESTERS.