2-Piperidinemethanol, a,a-diphenyl-, hydrochloride (1:1) (cas 71-78-3) MSDS

MSDS:

CAS:

SYNONYMS:

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers

[ 2-Piperidinemethanol, alpha,alpha-diphenyl-,hydrochloride 71-78-3 ]

*** CHEMICAL IDENTIFICATION ***

RTECS NUMBER: TNO875000
CHEMICAL NAME: 2-Piperidinemethanol, alpha,alpha-diphenyl-, hydrochloride
CAS REGISTRY NUMBER: 71-78-3
LAST UPDATED: 199509
DATA ITEMS CITED: 10
MOLECULAR FORMULA: C18-H21-N-O.Cl-H
MOLECULAR WEIGHT: 303.86
WISWESSER LINE NOTATION: T6MTJ BXQR&R &GH
COMPOUND DESCRIPTOR: Drug
SYNONYMS/TRADE NAMES:

* Benzhydrol, alpha-(2-piperidyl)-, hydrochloride
* alpha,alpha-Diphenyl-2-piperidinemethanol hydrochloride
* Meratran hydrochloride
* Pipradrol hydrochloride
* alpha-(2-Piperidyl)benzhydrol hydrochloride
* alpha-(Piperidyl)-diphenyl carbinol hydrochloride
* Pipradol hydrochloride
* Pipradrol hydrochloride
* Piridrol hydrochloride
** HEALTH HAZARD DATA **

** ACUTE TOXICITY DATA **

** TYPE OF TEST **
- LD50 - Lethal dose, 50 percent kill

** ROUTE OF EXPOSURE **
- Oral

** SPECIES OBSERVED **
- Rodent - rat

** DOSE/DURATION **
- 180 mg/kg

** TOXIC EFFECTS :**
- Behavioral - tremor
- Behavioral - convulsions or effect on seizure threshold
- Lungs, Thorax, or Respiration - other changes

** REFERENCE :**
- JPETAB Journal of Pharmacology and Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1909/10-Volume(issue)/page/year: 110,180,1954

** TYPE OF TEST **
- LD50 - Lethal dose, 50 percent kill

** ROUTE OF EXPOSURE **
- Subcutaneous

** SPECIES OBSERVED **
- Rodent - rat

** DOSE/DURATION **
- 240 mg/kg

** TOXIC EFFECTS :**
- Behavioral - changes in motor activity (specific assay)

** REFERENCE :**
- JPETAB Journal of Pharmacology and Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1909/10-Volume(issue)/page/year: 110,180,1954

** TYPE OF TEST **
- LD50 - Lethal dose, 50 percent kill

** ROUTE OF EXPOSURE **
- Intravenous

** SPECIES OBSERVED **
- Rodent - rat

** DOSE/DURATION **
- 30 mg/kg

** TOXIC EFFECTS :**
- Behavioral - tremor
- Behavioral - convulsions or effect on seizure threshold
- Lungs, Thorax, or Respiration - other changes

** REFERENCE :**
- JPETAB Journal of Pharmacology and Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1909/10-Volume(issue)/page/year: 110,180,1954
TYPE OF TEST            : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE       : Oral
SPECIES OBSERVED        : Rodent - mouse
DOSE/DURATION           : 120 mg/kg
TOXIC EFFECTS :
  Behavioral - convulsions or effect on seizure threshold
REFERENCE :
  JPETAB Journal of Pharmacology and Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1-1909/10-
  Volume(issue)/page/year: 118,153,1956

TYPE OF TEST            : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE       : Intraperitoneal
SPECIES OBSERVED        : Rodent - mouse
DOSE/DURATION           : 90 mg/kg
TOXIC EFFECTS :
  Details of toxic effects not reported other than lethal dose value
REFERENCE :
  NIIRDN Drugs in Japan (Ethical Drugs). (Yakugyo Jiho Co., Ltd., Tokyo, Japan) Volume(issue)/page/year: 6,632,1982

TYPE OF TEST            : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE       : Subcutaneous
SPECIES OBSERVED        : Rodent - mouse
DOSE/DURATION           : 147 mg/kg
TOXIC EFFECTS :
  Behavioral - convulsions or effect on seizure threshold
REFERENCE :
  JPETAB Journal of Pharmacology and Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1-1909/10-
  Volume(issue)/page/year: 118,153,1956

TYPE OF TEST            : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE       : Intravenous
SPECIES OBSERVED        : Rodent - mouse
DOSE/DURATION           : 20 mg/kg
TOXIC EFFECTS :
  Details of toxic effects not reported other than lethal dose value
REFERENCE :
  CSLNX* U.S. Army Armament Research & Development Command, Chemical Systems Laboratory, NIOSH Exchange Chemicals. (Aberdeen Proving Ground, MD 21010) Volume(issue)/page/year: NX#00031
TYPE OF TEST : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - rabbit
DOSE/DURATION : 180 mg/kg

TOXIC EFFECTS :
Details of toxic effects not reported other than lethal dose value

REFERENCE :
CLDND* Compilation of LD50 Values of New Drugs. (J.R. MacDougal, Dept. of National Health and Welfare, Food and Drug Divisions, 35 John St., Ottawa, Ont., Canada)

TYPE OF TEST : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE : Intravenous
SPECIES OBSERVED : Rodent - rabbit
DOSE/DURATION : 15 mg/kg

TOXIC EFFECTS :
Behavioral - tremor
Behavioral - convulsions or effect on seizure threshold
Lungs, Thorax, or Respiration - other changes

REFERENCE :
JPETAB Journal of Pharmacology and Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1909/10-
Volume(issue)/page/year: 110,180,1954

*** NIOSH STANDARDS DEVELOPMENT AND SURVEILLANCE DATA ***

NIOSH OCCUPATIONAL EXPOSURE SURVEY DATA :

NIOSH Hazard Code - M0611
No. of Facilities: 710 (estimated)
No. of Industries: 3
No. of Occupations: 4
No. of Employees: 2502 (estimated)

*** END OF RECORD ***