MECLIZINE HYDROCHLORIDE (cas 36236-67-6) MSDS

MSDS : Piperazine, 1-(p-chloro-alpha-phenylbenzyl)-4-(m-methylbenzyl)-, hydrochloride
CAS : 36236-67-6
SYNONYMS : * 1-(p-Chloro-alpha-phenylbenzyl)-4-(m-methylbenzyl)piperazine hydrochloride
          * Meclizine hydrochloride

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ Piperazine,1-(p-chloro-alpha-phenylbenzyl)-4-(m-methylbenzyl)-,hydrochloride 36236-67-6 ]

*** CHEMICAL IDENTIFICATION ***

RTECS NUMBER : TL2050000
CHEMICAL NAME : Piperazine, 1-(p-chloro-alpha-phenylbenzyl)-4-(m-methylbenzyl)-, hydrochloride
CAS REGISTRY NUMBER : 36236-67-6
LAST UPDATED : 199509
DATA ITEMS CITED : 8
MOLECULAR FORMULA : C25-H27-Cl-N2.Cl-H
MOLECULAR WEIGHT : 427.45
WISWESSER LINE NOTATION : T6N DNTJ AY&R DG& D1R C1 &GH
COMPOUND DESCRIPTOR : Drug
          Reproductive Effector
SYNONYMS/TRADE NAMES :
          * 1-(p-Chloro-alpha-phenylbenzyl)-4-(m-methylbenzyl)piperazine hydrochloride
          * Meclizine hydrochloride

*** HEALTH HAZARD DATA ***

** ACUTE TOXICITY DATA **

TYPE OF TEST : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - mouse
DOSE/DURATION : 1600 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: 6,814,1982

TYPE OF TEST : LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE : Intraperitoneal
SPECIES OBSERVED : Rodent - mouse
DOSE/DURATION : 625 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: 6,814,1982

** REPRODUCTIVE DATA **

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - rat
DOSE : 100 mg/kg
SEX/DURATION : female 11-14 day(s) after conception
TOXIC EFFECTS :
Reproductive - Fertility - post-implantation mortality (e.g. dead and/or resorbed implants per total number of implants)
REFERENCE :
SCIEAS Science. (American Assoc. for the Advancement of Science, 1333 H St., NW, Washington, DC 20005) V.1- 1895- Volume(issue)/page/year: 141,353,1963

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED: Rodent - rat
DOSE: 375 mg/kg
SEX/DURATION: female 1-15 day(s) after conception

TOXIC EFFECTS:
Reproductive - Specific Developmental Abnormalities - musculoskeletal system

REFERENCE:
SCIEAS Science. (American Assoc. for the Advancement of Science, 1333 H St., NW, Washington, DC 20005) V.1-1895- Volume(issue)/page/year: 141,353,1963

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Rodent - rat
DOSE: 250 mg/kg
SEX/DURATION: female 10-14 day(s) after conception

TOXIC EFFECTS:
Reproductive - Specific Developmental Abnormalities - craniofacial (including nose and tongue)

REFERENCE:
SCIEAS Science. (American Assoc. for the Advancement of Science, 1333 H St., NW, Washington, DC 20005) V.1-1895- Volume(issue)/page/year: 141,353,1963

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Rodent - rat
DOSE: 750 mg/kg
SEX/DURATION: female 12-14 day(s) after conception

TOXIC EFFECTS:
Reproductive - Effects on Embryo or Fetus - extra-embryonic structures (e.g., placenta, umbilical cord)

REFERENCE:

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Intraperitoneal
SPECIES OBSERVED: Rodent - mouse
DOSE: 25 mg/kg
SEX/DURATION: female 10 day(s) after conception

TOXIC EFFECTS:
Reproductive - Effects on Embryo or Fetus - fetal death

REFERENCE:

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

NIOSH OCCUPATIONAL EXPOSURE SURVEY DATA:
NOES Hazard Code: X4989
No. of Facilities: 177 (estimated)
No. of Industries: 1
No. of Occupations: 2
No. of Employees: 2264 (estimated)
No. of Female Employees: 1332 (estimated)

*** END OF RECORD ***