<table>
<thead>
<tr>
<th><strong>4(3H)-Quinazolinone, 2-methyl-3-(2-methylphenyl)- (cas 72-44-6) MSDS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MSDS</strong></td>
</tr>
<tr>
<td><strong>CAS</strong> : 72-44-6</td>
</tr>
<tr>
<td><strong>SYNONYMS</strong></td>
</tr>
</tbody>
</table>
| * Cateudyl  
* Citexal  
* CI-705  
* CN 38703  
* 3,4-Dihydro-2-methyl-4-oxo-3-o-tolylquinazoline  
* Dormigosa  
* Dormogen  
* Dormutil  
* Dorsedin  
* Fadormir  
* Holodorm  
* Hyminal  
* Hyptor  
* Hyptor Base  
* Ipnofil  
* MAOA  
* Mequin  
* Melsedin Base  
* Melsomin  
* Metachalon  
* Metaqualon  
* Methaqualone  
* Methaqualoneinone  
* 2-Methyl-3-(2-methylphenyl)-4-quinazolinone  
* 2-Methyl-3-(2-methylphenyl)-4(3H)-quinazolinone  
* 2-Methyl-3-o-tolyl-4(3H)-chinazolinon  
* 2-Methyl-3-o-tolyl-4(3H)-chinazolone  
* 2-Methyl-3-(o-tolyl)-3,4-dihydro-4-quinazolinone  
* 2-Methyl-3-tolyl-4-oxybensdiazine  
* 2-Methyl-3-o-tolyl-4(3H)-quinazolinone  
* 2-Methyl-3-o-tolyl-4-quinazolone  
* 2-Methyl-3-(2-tolyl)quinazol-4-one  
* Metolquizalone  
* Mozambin |
Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[4(3H)-Quinazolinone, 2-methyl-3-o-tolyl- 72-44-6 ]

*** CHEMICAL IDENTIFICATION ***

RTECS NUMBER : VA3850000
CHEMICAL NAME : 4(3H)-Quinazolinone, 2-methyl-3-o-tolyl-
CAS REGISTRY NUMBER : 72-44-6
BEILSTEIN REFERENCE NO. : 0211874
REFERENCE : 5-24-03-00132 (Beilstein Handbook Reference)
SYNONYMS/TRADE NAMES :

* Cateudyl
* Citexal
* CI-705
* CN 38703
* 3,4-Dihydro-2-methyl-4-oxo-3-o-tolylquinazoline
* Dormiga
* Dormogen
* Dormutil
* Dorsedin
* Padormir
* Holodorm
* Hyminal
* Hypcol
* Hyptor
* Hyptor Base
* Ipnofil
* MAOA
* Mequin
* Melsedin Base
* Melsomin
* Metachalon
* Metaqualon
* Methaqualone
* Methaqualoneinone
* 2-Methyl-3- (2-methylphenyl)-4-quinazolinone
* 2-Methyl-3- (2-methylphenyl)-4(3H)-quinazolinone
* 2-Methyl-3-o-tolyl-4(3H)-chinazolonom
* 2-Methyl-3-o-tolyl-4(3H)-chinazolone
* 2-Methyl-3- (o-tolyl)-3,4-dihydro-4-quinazolinone
* 2-Methyl-3-tolyl-4-oxybensdiazine
* 2-Methyl-3-o-tolyl-4 (3H)-quinazolinone
* 2-Methyl-3-o-tolyl-4-quinazolone
* 2-Methyl-3- (2-tolyl)quinazol-4-one
* Metolquizolone
* Mozambin
** ACUTE TOXICITY DATA **

TYPE OF TEST : TDLo - Lowest published toxic dose

ROUTE OF EXPOSURE : Oral

SPECIES OBSERVED : Human

DOSE/DURATION : 57 mg/kg

TOXIC EFFECTS :

- Behavioral - convulsions or effect on seizure threshold
- Lungs, Thorax, or Respiration - other changes
Gastrointestinal - nausea or vomiting

REFERENCE:


For publisher information, see ARTODN. Volume(issue)/page/year: 20,31,1963

TYPE OF TEST: LDLo - Lowest published lethal dose
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Human - man
DOSE/DURATION: 114 mg/kg

TOXIC EFFECTS:

Behavioral - convulsions or effect on seizure threshold
Behavioral - changes in motor activity (specific assay)
Lungs, Thorax, or Respiration - acute pulmonary edema

REFERENCE:


For publisher information, see ARTODN. Volume(issue)/page/year: 20,31,1963

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Rodent - rat
DOSE/DURATION: 185 mg/kg

TOXIC EFFECTS:

Details of toxic effects not reported other than lethal dose value

REFERENCE:

JCMAR Journal of Medicinal Chemistry. (American Chemical Soc.,

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Intraperitoneal
SPECIES OBSERVED: Rodent - rat
DOSE/DURATION: 125 mg/kg

TOXIC EFFECTS:

Details of toxic effects not reported other than lethal dose value

REFERENCE:

ARNAD Arzneimittel-Forschung. Drug Research. (Editio Cantor Verlag,
Volume(issue)/page/year: 17,242,1967

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Rodent - mouse
DOSE/DURATION: 420 mg/kg

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

REFERENCE:
TXAPA9 Toxicology and Applied Pharmacology. (Academic Press, Inc., 1 E. First St., Duluth, MN 55802) V.1- 1959- Volume(issue)/page/year:
1,42,1959

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Intraperitoneal
SPECIES OBSERVED: Rodent - mouse
DOSE/DURATION: 180 mg/kg

TOXIC EFFECTS:
Behavioral - muscle weakness
Behavioral - stiffness

REFERENCE:
IJMRAQ Indian Journal of Medical Research. (Indian Council of Medical Research, Ansari Nagar, New Delhi 110 029, India) V.1- 1913-
Volume(issue)/page/year: 69,1008,1979

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Parenteral
SPECIES OBSERVED: Rodent - mouse
DOSE/DURATION: 500 mg/kg

TOXIC EFFECTS:
Behavioral - tremor
Behavioral - muscle contraction or spasticity
Behavioral - analgesia

REFERENCE:

TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Intraperitoneal
SPECIES OBSERVED: Mammal - cat
DOSE/DURATION: 235 mg/kg

TOXIC EFFECTS:
Behavioral - altered sleep time (including change in righting reflex)
Behavioral - ataxia
Gastrointestinal - nausea or vomiting

REFERENCE:
FATOAO Farmakologiya i Toksikologiya (Moscow). For English translation, see
PHTXAS and RPTOAN. (V/O Mezhdunarodnaya Kniga, 113095 Moscow, USSR) V.2-
1939- Volume(issue)/page/year: 27,413,1964
TYPE OF TEST: LD50 - Lethal dose, 50 percent kill
ROUTE OF EXPOSURE: Intravenous
SPECIES OBSERVED: Rodent - rabbit
DOSE/DURATION: 100 mg/kg
TOXIC EFFECTS:
Details of toxic effects not reported other than lethal dose value
REFERENCE:
For publisher information, see ARTODN. Volume(issue)/page/year: 20,31,1963

** OTHER MULTIPLE DOSE TOXICITY DATA **

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Rodent - rat
DOSE/DURATION: 1300 mg/kg/30D-I
TOXIC EFFECTS:
Kidney, Ureter, Bladder - urine volume decreased
REFERENCE:
FATOAO Farmakologiya i Toksikologiya (Moscow). For English translation, see PHTXA6 and RPTOAN. (V/O Mezhdunarodnaya Kniga, 113095 Moscow, USSR) V.2-1939- Volume(issue)/page/year: 27,413,1964

** REPRODUCTIVE DATA **

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Oral
SPECIES OBSERVED: Rodent - rat
DOSE: 11 gm/kg
SEX/DURATION: male 3 day(s) pre-mating
female 3 day(s) pre-mating - 22 day(s) after conception
TOXIC EFFECTS:
Reproductive - Specific Developmental Abnormalities - musculoskeletal system
Reproductive - Effects on Newborn - viability index (e.g., # alive at day 4 per # born alive)
REFERENCE:
EXPEAM Experientia. (Birkhaeuser Verlag, POB 133, CH-4010 Basel, Switzerland) V.1-1945- Volume(issue)/page/year: 19,183,1963

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Subcutaneous
SPECIES OBSERVED: Rodent - rat
DOSE : 800 mg/kg
SEX/DURATION : female 8-15 day(s) after conception
TOXIC EFFECTS :
- Reproductive - Effects on Embryo or Fetus - fetotoxicity (except death, e.g., stunted fetus)
- Reproductive - Fertility - litter size (e.g. # fetuses per litter; measured before birth)
REFERENCE :
EXPEAM Experientia. (Birkhaeuser Verlag, POB 133, CH-4010 Basel, Switzerland) V.1- 1945- Volume(issue)/page/year: 33,1635,1977

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Subcutaneous
SPECIES OBSERVED : Rodent - rat
DOSE : 1200 mg/kg
SEX/DURATION : female 8-15 day(s) after conception
TOXIC EFFECTS :
- Reproductive - Specific Developmental Abnormalities - Central Nervous System
- Reproductive - Specific Developmental Abnormalities - eye/ear
REFERENCE :
EXPEAM Experientia. (Birkhaeuser Verlag, POB 133, CH-4010 Basel, Switzerland) V.1- 1945- Volume(issue)/page/year: 33,1635,1977

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Intraperitoneal
SPECIES OBSERVED : Rodent - mouse
DOSE : 150 mg/kg
SEX/DURATION : female 10 day(s) after conception
TOXIC EFFECTS :
- Reproductive - Effects on Embryo or Fetus - fetal death
- Reproductive - Specific Developmental Abnormalities - other developmental abnormalities
REFERENCE :

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - rabbit
DOSE : 900 mg/kg
SEX/DURATION : female 8-16 day(s) after conception
TOXIC EFFECTS :
- Reproductive - Specific Developmental Abnormalities - musculoskeletal system
Reproductive - Effects on Embryo or Fetus - fetal death

REFERENCE:
TXAPA9 Toxicology and Applied Pharmacology. (Academic Press, Inc., 1 E. First St., Duluth, MN 55802) V.1- 1959- Volume(issue)/page/year: 10,244,1967

*** REVIEWS ***

TOXICOLOGY REVIEW

TOXICOLOGY REVIEW

TOXICOLOGY REVIEW

TOXICOLOGY REVIEW
ARVPAX Annual Review of Pharmacology. (Palo Alto, CA) V.1-15, 1961-75. For publisher information, see ARPTDI. Volume(issue)/page/year: 5,447,1965

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

NIOSH OCCUPATIONAL EXPOSURE SURVEY DATA:
NOES Hazard Code - X3715
No. of Facilities: 107 (estimated)
No. of Industries: 3
No. of Occupations: 3
No. of Employees: 4848 (estimated)
No. of Female Employees: 3062 (estimated)

*** STATUS IN U.S. ***

EPA TSCA Section 8(b) CHEMICAL INVENTORY

*** END OF RECORD ***