

1 - Product and Company Information

ProductName TERFENADINE

2 - Hazards Identification

3 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I
TERFENADINE	50679-08-8	256-710-8	None

Formula	C32H41NO2
Molecular Weight	471.7 AMU
Synonyms	Aldaban * Allerplus * alpha-(4-(1,1-Dimethylethyl)phenyl)-4-(hydroxydip henylmethyl)-1-piperidinebutanol * MDL 9918 * Nebralin * RMI 9918 * Seldane * Teldane * Teldanex * Terdin * Terfen * Terfenadine * Triludan

4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

AFTER SKIN CONTACT

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7 - Handling and Storage

STORAGE

Store at 2-8°C

8 - Exposure Controls / Personal Protection

ENGINEERING CONTROLS

Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Special Protective Measures: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

9 - Physical and Chemical Properties

Appearance Physical State: Solid

Property	Value	At Temperature or Pressure
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pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp	N/A
Oxidizing Properties	N/A
Explosive Properties	N/A
Explosion Limits	N/A
Vapor Pressure	N/A
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp.	N/A
Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility	N/A

10 - Stability and Reactivity

STABILITY

Stable: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11 - Toxicological Information

RTECS NUMBER: TM4969000

ACUTE TOXICITY

LD50
Oral
Rat
5000 mg/kg

LD50
Intraperitoneal
Rat
154 MG/KG

LD50
Subcutaneous
Rat
>1250 MG/KG

LD50
Oral
Mouse
5000 mg/kg

LD50
Intraperitoneal
Mouse
100 MG/KG

LD50
Subcutaneous
Mouse
>4500 MG/KG

LD50
Oral
Guinea pig
> 2000 mg/kg

LD50
Intraperitoneal

Mammal
43 MG/KG

SIGNS AND SYMPTOMS OF EXPOSURE

Exposure can cause drowsiness or dizziness, hair loss, skin eruption and itching, bronchospasm, cough, depression, menstrual disorders, musculo- skeletal pain, and nightmares.

ROUTE OF EXPOSURE

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.

CHRONIC EXPOSURE - TERATOGEN

Species: Rat
Dose: 1100 MG/KG
Route of Application: Oral
Exposure Time: (7-17D PREG)
Result: Specific Developmental Abnormalities: Musculoskeletal system. Effects on Newborn: Other postnatal measures or effects.

CHRONIC EXPOSURE - REPRODUCTIVE HAZARD

Species: Rat
Dose: 8400 MG/KG
Route of Application: Oral
Exposure Time: (14D PRE/1-14D PREG)
Result: Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants). Effects on Fertility: Pre-implantation mortality (e.g., reduction in number of implants per female; total number of implants per corpora lutea).

Species: Rat
Dose: 8550 MG/KG
Route of Application: Oral
Exposure Time: (14D PRE-21D POST)
Result: Effects on Newborn: Growth statistics (e.g., reduced weight gain).

Species: Rat
Dose: 17100 MG/KG
Route of Application: Oral
Exposure Time: (14D PRE-21D POST)
Result: Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4).

12 - Ecological Information

No data available.

13 - Disposal Considerations

SUBSTANCE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - Transport Information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15 - Regulatory Information

COUNTRY SPECIFIC INFORMATION

Germany
WGK: 2
Self-Classification

16 - Other Information



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WARRANTY:

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