

MSDS

Material Safety Data Sheet

Date prepared: Sep 5, 2014

Date revised: N/A (first edition)

Section 1 - General Information

Chemical Name: Tralomethrin
Synonyms: NA
CAS Reg. Number: 66841-25-6
Catalog Number: 1ST20212
Manufacturer's Name: A Chemtek, Inc.
100 Barber Avenue
Worcester, MA 01606, USA

Telephone Number: 508-471-4121

Fax Number: 508-845-9201



For R & D use only

Section 2 - Hazardous Ingredients/Identity Information

Classification of the substance or mixture

Acute toxicity, Oral (Category 4), H302
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

Label elements

		
		
Pictogram		Warning
Signal word		Harmful if swallowed.
H302		Causes skin irritation.
H315		Causes serious eye irritation.
H319		Very toxic to aquatic life with long lasting effects.
H410		
Precautionary statement(s)		
P264		Wash skin thoroughly after handling.
P270		Do not eat, drink or smoke when using this product.
P271		Use only outdoors or in a well-ventilated area.
P273		Avoid release to the environment.
P301 + P312		IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P304 + P340		IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312		Call a POISON CENTER or doctor/ physician if you feel unwell.
P330		Rinse mouth.
P391		Collect spillage.
P501		Dispose of contents/ container to an approved waste disposal plant.

Section 3 - Composition/Information on Ingredients

Formula: C₂₂H₁₉Br₄NO₃
Molecular Weight: 665.01 g/mol
CAS-No. 66841-25-6

Section 4 - First Aid Measures

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

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In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5 - Fire-Fighting Measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 - Accidental Release Measures

Personal precautions Avoid dust formation

Environmental precautions Do not let product enter drains.

Methods for cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: 2-8 °C.

Section 8 - Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values

Personal protective equipment

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection For prolonged or repeated contact use protective gloves

Eye protection Safety glasses

Hygiene measures General industrial hygiene practice

Section 9 - Physical and Chemical Properties

Appearance:

Form solid
Color off-white

Safety data

pH: not available
Melting point: not available
Boiling point: not available
Flash point: not available
Lower explosion limit: not available
Upper explosion limit: not available
Water solubility: not available

Section 10 - Stability and Reactivity

Storage stability Stable under recommended storage conditions

Materials to avoid Strong oxidizing agents

Hazardous decomposition products Hazardous decomposition products formed under fire conditions.

- Carbon oxides, Nitrogen oxides (NOx), Hydrogen bromide gas.

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Section 11 - Toxicological Information

Acute toxicity: LD50 Oral - Rat - 99 - 3,000 mg/kg
LD50 Dermal - Rabbit - > 2,000 mg/kg

Irritation and corrosion: not available

Sensitization: not available

Respiratory or skin sensitization: not available

Chronic exposure

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Tralomethrin)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Section 12 - Ecological Information

Elimination information (persistence and degradability)

Toxicity to fish mortality LC50 - *Oncorhynchus mykiss* (rainbow trout) - 16 µg/l - 96.0 h
mortality LC50 - *Lepomis macrochirus* (Bluegill sunfish) - 43 µg/l - 96.0 h

Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - *Daphnia* (water flea) - 0.038 µg/l - 48 h

Ecotoxicity effects: not available

Further information on ecology: not available

Section 13 - Disposal Considerations

Product Observe all federal, state, and local environmental regulations.

Contaminated packaging Dispose of as unused product.

Section 14- Transport Information

DOT (US)

Not dangerous goods

IMDG

UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Tralomethrin)

Marine pollutant: yes

IATA

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Tralomethrin)

Section 15 - Regulatory Information

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

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Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Tralomethrin CAS-No. 66841-25-6 Revision Date: 1993-04-24

Pennsylvania Right To Know Components

Tralomethrin CAS-No. 66841-25-6 Revision Date: 1993-04-24

New Jersey Right To Know Components

Tralomethrin CAS-No. 66841-25-6 Revision Date: 1993-04-24

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. A Chemtek shall not be held liable for any damage resulting from handling or from contact with the above product.

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First Standard