

MSDS

Material Safety Data Sheet

Date prepared: Sep 5, 2015

Date revised: N/A (first edition)

Section 1 - General Information

Chemical Name: tau-Fluvalinate
CAS Reg. Number: 102851-06-9
Catalog Number: 1ST20225
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

Flammable liquids (Category 4)
Acute toxicity, Oral (Category 3)
Acute toxicity, Inhalation (Category 2)
Acute toxicity, Dermal (Category 5)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Acute aquatic toxicity (Category 1)



Pictogram

Signal word Danger

Hazard statement(s)

H227 Combustible liquid

H301 Toxic if swallowed.

H313 May be harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

Precautionary statement(s)

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273 Avoid release to the environment.

P284 Wear respiratory protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

Section 3 - Composition/Information on Ingredients

Formula: C₂₆H₂₂ClF₃N₂O₃

Molecular Weight: 502.93 g/mol

CAS-No. 102851-06-9

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.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

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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 Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods for cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Storage Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: RT.

Section 8 - Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. 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 liquid
Color not available

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, Strong bases

Hazardous decomposition products Hazardous decomposition products formed under fire conditions.

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- Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Hydrogen fluoride

Section 11 - Toxicological Information

Acute toxicity:

Oral LD50

LD50 Oral - rat - 261 mg/kg

Inhalation LC50

LC50 Inhalation - rat - 4 h - > 500 mg/m³

Dermal LD50

LD50 Dermal - rabbit - > 2,000 mg/kg

Irritation and corrosion: not available

Sensitization: not available

Respiratory or skin sensitization: not available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

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.

Potential health effects

Inhalation: no data available

Skin: no data available

Eyes: no data available

Ingestion: no data available

Section 12 - Ecological Information

Elimination information (persistence and degradability) not available

Ecotoxicity effects: not available

Further information on ecology: not available

Section 13 - Disposal Considerations

Product Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging Dispose of as unused product.

Section 14- Transport Information

DOT (US):

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

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

SARA 313: 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.

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Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

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New Jersey Right To Know Components

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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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