

MSDS

Material Safety Data Sheet

Date prepared: August, 29th, 2012

Date revised: N/A (first edition)

Section 1 - General Information

Chemical Name: Triclopyricarbe
Synonyms: NA
CAS Reg. Number: 902760-40-1
Catalog Number: 1ST21289
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

GHS Classification

Acute aquatic toxicity (Category 2), H401

Chronic aquatic toxicity (Category 2), H411

GHS Label elements, including precautionary statements

Harmful if swallowed. Irritating to eyes, respiratory system and skin.



Pictogram

Signal word

None

Hazard statement(s)

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273

Avoid release to the environment.

P391

Collect spillage.

P501

Dispose of contents/ container to an approved waste disposal plant.

Section 3 - Composition/Information on Ingredients

Formula: $C_{15}H_{13}Cl_3N_2O_4$
Molecular Weight: 391.63 g/mol
CAS-No. 902760-40-1

Section 4 - First Aid Measures

GENERAL ADVICE: Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.

EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

SKIN CONTACT: Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.

INHALATION: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

INGESTION: Get medical aid immediately. Wash mouth out with water.

Section 5 - Fire-Fighting Measures

Flammable properties

Flash point not available

Ignition temperature not available

Suitable extinguishing media

MSDS

Material Safety Data Sheet

Date prepared: August, 29th, 2012

Date revised: N/A (first edition)

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	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods for cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal. Recommended storage temperature: 2 - 8 °C

Section 7 - Handling and Storage

Handling	Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin.
Storage	Keep in a dry place. Keep container tightly closed in a dry and well-ventilated

Section 8 - Exposure Controls/Personal Protection

Components with workplace control parameters

Personal protective equipment

Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose 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	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 - Physical and Chemical Properties

Appearance:	Form	Solid
	Color	not available
Safety data		
	pH:	not available
	Melting point:	not available
	Boiling point:	not available
	Flash point:	not available
	Ignition temperature:	not available
	Lower explosion limit:	not available
	Upper explosion limit:	not available
	Water solubility:	not available

MSDS

Material Safety Data Sheet

Date prepared: August, 29th, 2012

Date revised: N/A (first edition)

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 chloride gas.

Section 11 - Toxicological Information

Acute toxicity:
LD50 Oral - rat - > 42,800 mg/kg
Inhalation: no data available
LD50 Dermal - rat - > 2,140 mg/kg
no data available
no data available
Irritation and corrosion: not available
Sensitization: not available
Respiratory or skin sensitization: not available
Chronic exposure 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, NTP, or OSHA

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.
Contact a licensed professional waste disposal service to dispose of this material.
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.
Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components
Triclopyricarbe CAS-No. 902760-40-1
New Jersey Right To Know Components

Revision Date

MSDS

Material Safety Data Sheet

Date prepared: August, 29th, 2012

Date revised: N/A (first edition)

Triclopyricarbe

CAS-No. 902760-40-1

Revision Date

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.

First Standard®