

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

TRICAINE-S

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section IManufacturer's name **Western Chemical**Emergency Telephone Number **1-800-424-9300 Chemtrec**

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information **1-360-384-5898****1269 Lattimore Road**Date Prepared **5/18/05****Ferndale, WA 98248**

Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
N/A	N/A		99.6%

Tricaine Methanesulfonate CAS 886-86-2

RTECS DG2455000

Section III—Physical/Chemical Characteristics

Boiling Point

Decomposes

Specific Gravity (H₂O = 1)

N/A

Vapor Pressure (mm Hg)

N/A

Melting Point

147.5-148.5°C

Vapor Density (AIR = 1)

N/A

Evaporation Rate (Ether = 1)

N/A

Solubility in Water

1.0g/0.8mL

Appearance and Odor

White Crystalline**Section IV—Fire and Explosion Hazard Data**Flash Point (Method Used) **None**

Flammable Limits

LEL **unk**UEL **unk**

Extinguishing Media

Small Fire- dry chemical; Large Fire-Water Spray, CO₂, dry chemical, or foam.

Special Fire Fighting Procedures

Use self contained breathing apparatus and protective clothingProducts of Combustion: **Carbon Oxides (CO, CO₂), Nitrogen Oxides (NO, NO₂,...), Sulfur Oxides (SO₂, SO₃,...)**

Unusual Fire and Explosion Hazards

N/A

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability

Unstable

Conditions to Avoid

Stable

X**Acids, chlorides, acid anhydrides, chloroformates and strong oxidizers**

Incompatibility (Materials to Avoid)

Acids, chlorides, acid anhydrides, chloroformates and strong oxidizers.

Hazardous Decomposition or Byproducts

Methanesulfonic Acid

Hazardous Polymerization

May Occur

Conditions to Avoid

Will Not Occur

X

The burden of safe use of our materials must rest entirely with the user. We cannot assume responsibility for the completeness or accuracy of any information supplied by us concerning the hazards and recommended use of the chemicals.

Section VI—Health Hazard Data

Route(s) of Entry Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (*Acute and Chronic*) Acute May be harmful by inhalation, ingestion, or skin absorption. May cause irritation.

Chronic Overexposure Effects To the best of our knowledge, chronic overexposure effects have not been investigated.

Carcinogenicity Unk NTP? Unk IARC Monographs? Unk OSHA Regulated? No

Signs and Symptoms of Exposure Pain or irritation to eyes, mucous membranes, or skin.

Medical Conditions

Generally Aggravated by Exposure Unk

Emergency and First Aid Procedures

Skin Contact: Rinse contaminated area of skin with soap and water. If irritation occurs consult physician. Thoroughly clean contaminated clothing and shoes before reuse.Ingestion DO NOT INDUCE VOMITING. Take immediately to hospital or physician. If unconscious give immediate mouth to mouth resuscitation. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSONInhalation Get victim to well ventilated area. If not breathing give artificial respiration, oxygen and call physician.Eye Contact: Flush with water for at least 15 minutes, lifting lower and upper eyelids.**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled Pick up as much as possible and put in a closable container. Do not allow to flow into water supplies. Wash down with water and collect in industrial effluent. Wear NIOSH approved respirator, rubber boots, and gloves.

Waste Disposal Method Dispose of according to local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing Follow label instructions

Other Precautions Harmful if swallowed . Keep out of reach of children.

Section VIII Control MeasuresRespiratory Protection (*Specify Type*) Full or half face respirator with particle protection cartridges.

Ventilation	Local Exhaust	Use local exhaust	Special	None
	Mechanical (<i>General</i>)	None	Other	None

Protective Gloves Nalgene or similar Eye Protection Complete Eye protection Goggles

Other Protective Clothing or Equipment Apron, coveralls, and boots as necessary to prevent contact.

Work/Hygienic Practices Wash off any product immediately.

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