



Safety Data Sheet

Hazard Information

Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS).

Chemical and Company Identification

Product name	Product code	
Tricine	GR131-1	<i>For research use only.</i>

Supplier

Hoefer, Inc.
84 October Hill Road, Suite 10
Holliston, MA 01746
Phone: 800-227-4750
508-893-8999

Emergency Contact

ChemTel Inc.
800-255-3924 (North America) +1-813-248-0585 (International)
1-300-954-583 (Australia) 0-800-591-6042 (Brazil)
000-800-100-4086 (India) 400-120-0751 (Peoples Republic of China)
800-099-0731 (Mexico)

Composition / Ingredients

Hazard	CAS No.	EC No.	%WT	Molecular Formula	Molecular Weight
N-Tris(hydroxymethyl)methylglycine	507-04-1	None	>99	C ₆ H ₁₃ NO ₅	179.2 g/mol

Hazards Identification

GHS Classification: Not hazardous according to GHS.

WHMIS: Not controlled.

Potential Health Effects:

Target Organs: Eyes, skin and respiratory system

Eyes: Causes serious irritation.

Skin: Causes irritation.

Inhalation: May cause irritation to respiratory tract. The toxicological properties of this product have not been fully investigated.

Ingestion: May cause irritation to GI tract if swallowed. The toxicological properties of this product have not been fully investigated.

CHRONIC HEALTH HAZARDS: None known.

First Aid Measures

Eyes: Flush eyes with water. Consult a physician.

Skin: In case of contact, flush area immediately with water. Get medical aid if irritation persists.

Inhalation: Remove victim to fresh air. Get medical aid if irritation persists.

Ingestion: Wash mouth with water. Get medical aid if any symptoms appear.

Fire-Fighting Measures

Flammable: No

Flash Point: Not determined.

Autoignition Temperature: Not determined.

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available.

Accidental Release Measures

Personal Precaution: Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.

Methods for Containment and Clean Up:

Contain further leakage. Sweep and place in a closed container. Dispose according to local regulations.

Handling and Storage

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature, hygroscopic. Keep cool and dry.

Exposure Controls/Personal Protection

Exposure limits:

ACGIH, NIOSH, OSHA, none listed

Use adequate ventilation. Avoid dust generation.

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

Physical and Chemical Properties

Appearance: White crystalline solid

Odor: No information found.

Odor Threshold: No information found.

Melting Point: 181 – 187°C

Boiling Point: No information found.

Specific Gravity: No information found.

Vapor Density: No information found.

Vapor pressure: No information found.

Water Solubility: Yes

pH: 4.6 – 5.2

Flash point: No information found.

Ignition temperature: No information found.

Autoignition temperature: No information found.

Lower explosion limit: No information found.

Upper explosion limit: No information found.

Stability and Reactivity

Stability: Stable under normal room temperatures and pressure.

Conditions to Avoid: Dust generation

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and nitrogen oxides

Hazardous Polymerization: Has not been reported.

Toxicological Properties

Exposure Limits:

Oral, rat LD₅₀ = 5.9 g/kg

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

Carcinogenicity: not listed by ACGIH, IARC, NTP, or CA

Ecological Information

No information found.

Disposal Considerations

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial, and local regulations.

Transportation Information

Shipping Information:

US DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

Regulatory Information

Canada: WHMIS: not controlled.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

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www.hoeferinc.com

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