

MATERIAL SAFETY DATA SHEET

TRIS, (TRIS(HYDROXYMETHYL)AMINOMETHANE)

I IDENTIFICATION:

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179

Emergency Telephone No.: 905-466-3832
Chemical Name: TRIS
Catalog Number: TRS001/TRS003
Molecular Formula: C₄H₁₁NO₃
Molecular Weight: 121.14
WHMIS Classification: D2B
TSCA Status:

II HAZARDOUS INGREDIENTS:

| | CAS # | % |
|------|---------|------|
| TRIS | 77-86-1 | 100% |

III HAZARDS/TOXICOLOGICAL PROPERTIES:

Potential Health Effects

Target Organs: None known
Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Inhalation: may cause irritation.
Ingestion: May be harmful if swallowed. May cause irritation of the digestive tract.

CHRONIC HEALTH HAZARDS: Not available
The toxicological properties of this substance have not been fully investigated.

Exposure Limits:

LD50 / LC50:
Not available

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 OSHA

IV FIRST AID MEASURES:

Eyes: Flush eyes with plenty of water for at least 15 minutes.
Skin: Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes.
Inhalation: Remove victim to fresh air. If not breathing give artificial respiration.
Ingestion: Wash mouth with water.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No
Flash Point: N/A
Extinguishing Media: Water, dry chemical, chemical foam or alcohol resistant foam.
Explosion Data: Not available

VI REACTIVITY:

Stability: Stable under normal temperatures and pressure.
Conditions to avoid: dust generation
Incompatibility: Strong oxidizing agents and reducing agents
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur

VII PHYSICAL DATA:

Physical State: Solid
Appearance and Odor: white crystals. No odor
Melting Point: N/A
Boiling Point: N/A
Specific Gravity: N/A
Vapor Density: N/A
Solubility: soluble
pH: n/a

VIII PREVENTIVE MEASURES:

Personal Protection: Wear appropriate protective gloves and clothes to prevent skin exposure.
Ventilation: Local exhaust systems.
Respiratory protection: Use NIOSH/MSHA approved full face-piece respirator.
Leak and Spill Procedures: Wear appropriate protective equipment. Sweep up then place into a suitable container for disposal.
Waste Disposal: Follow local disposal regulations.
Storage Conditions: Store in a cool, dry place. Store in a tightly closed container.
Label Hazard Warning: Irritating to eyes, respiratory system and skin.
Shipping Information: Not regulated

IX PREPARATION OF MSDS:

Prepared By: M. Kierdelewicz (President)
Date: Jan 4/2012
Phone: (800) 234-1179

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Observe all federal, provincial and state laws concerning health, safety and pollution.