

Safety Data Sheet

Section 1: Identification

Product identifier

Product Name: Tris-MOPS-SDS Running Buffer Powder

Product Code: M00138

Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Hazard Communication & Compliance

Details of the supplier of the safety data sheet

Manufacturer: GenScript
860 Centennial Ave.
Piscataway, NJ 08854 United States

www.genscript.com

product@genscript.com

Telephone (General): 1-732-885-9188

Emergency telephone number Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)

Manufacturer: 1-877-436-7274

Section 2: Hazards identification

According to OSHA 29 CFR 1910.1200 HCS

Emergency Overview: Aqueous solution. Toxicological properties of components have not been fully investigated.

Health Effects: Not classified

Inhalation: Not known to present an inhalation hazard under normal use.

Skin: Causes skin irritation

Eyes: Causes serious eye irritation

Ingestion: May be harmful if swallowed.

Chronic Effects/Target Organ Effects: None known.

Medical Conditions Aggravated By Exposure: None known.

Environmental Effects: None known.

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS-No	EINECS-No	Weight %
SDS	151-21-3	205-788-1	5.6
Tris	77-86-1	201-064-4	34
EDTA	60-00-4	200-449-4	1.7
MOPS	1132-61-2	214-478-5	58.7

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: First-Aid Measures

Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Skin	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye	Rinse immediately with plenty of water, also under the eyelids, for at least 15minutes. If symptoms persist, call a physician
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Section 5: Fire-Fighting Measures

Extinguishing Media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special Exposure Hazards : Not known .

Special Protective Equipment: Standard procedure for chemical fires.

Section 6 - Accidental Release Measures

Personal Precautions	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
Emergency Procedures	Soak up with inert absorbent material.
Environmental precautions	No special environmental precautions required.

Section 7 - Handling and Storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Storage: Keep in a dry, cool and well-ventilated place.

Specific Uses: For R&D/experimental use only; Electrophoresis precast gels.

Section 8 - Exposure Controls/Personal Protection

Exposure Controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Respiratory Protection: Respiratory protection not required in normal conditions.

Eye/Face Protection: Chemical goggles or safety glasses.

Skin/Hand Protection: Wear protective gloves.

Section 9 - Physical and Chemical Properties

Appearance: Powder

Odor: White

Flash point: Not available

Viscosity: Not available

Solubility: Not available

Density (water = 1): .. Not available

Partition coefficient: . Not available

Boiling point: Not available

Melting point: Not available

pH: Not available

Other: Not available

Section 10: Stability and Reactivity

Stability: Stable under normal conditions.

Conditions To Avoid: Direct sunlight. Extremely high or low temperatures.

Materials To Avoid: No dangerous reaction known under conditions of normal use.

Hazardous Decomposition Products: Hazardous reaction has not been reported.

Section 11 - Toxicological Information

No toxicology information is available.

Section 12 - Ecological Information

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Material does not bioaccumulate.

Section 13 - Disposal Considerations

Product waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

Product Name: Tris-MOPS-SDS Running Buffer Powder

Not known to be hazardous for transport.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

US Regulations:

This product meets the following SARA 311/312 hazard categories: none.

This product contains the following SARA 302 Extremely Hazardous Substances: none.

This product contains the following SARA 313 Toxic Chemicals: none.

This product contains the following CERCLA Hazardous Substances: none.

860 Centennial Ave., Piscataway, NJ 08854, USA

The components of this product are listed on TSCA.

EU Regulations:

This product does not meet the classification and labeling criteria under 1999/45/EC as a dangerous preparation.

The components of this product are listed on the European Inventory of Existing Chemical Substances (EINECS) or meet the polymer exemption.

Canadian Regulations:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and it contains the information required by the CPR.

This product meets WHMIS classification D2B.

Components of this product are listed on the DSL.

Section 16 - Other Information

Date Created	06/15/2013
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