



Section 1 - Chemical Product and Company Identification

Product Name ProxiO 100bp DNA Ladder
Product Code 92972

Use for Laboratory Chemicals.

Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

1. Tris-HCl < 1% Cas. #77-86-1
2. EDTA < 1% Cas. #60-00-4

Section 3 - Hazards Identification

- HAZARDOUS INFORMATION

Many SRL products are classified as mixtures which contain hazardous ingredients in concentrations (less than 1%). The quantity of hazardous chemical component does not exceed the permissible exposure limit or "Threshold Limit Value".

Section 4 - First Aid Measures

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician. Dermal Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. Remove clothing and call a physician. Eye Exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures

Extinguishing Media: Carbon Dioxide, Dry Chemical powder or appropriate foam, Water Spray.
Unusual Fire and Explosions Hazard (s): Emits toxic toxic fumes under fire conditions. Prevent contact with skin and eyes. Special Firefighting Procedures: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Section 6 - Accidental Release Measures

Procedures of Personal Precautions: Wear self-contained breathing apparatus, chemical safety goggles, rubber boots, and chemical resistant gloves. Wear disposable coveralls and discard them after use. Ventilate area and wash spill site after material pickup is complete.

Methods for Cleaning Up: Absorb on sand or vermiculite and place in a closed container for disposal.



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Section 7 - Handling and Storage

Keep tightly closed. Store in cool dry place. Store at -20°C

Section 8 - Exposure Control / Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment: Respiratory

NIOSH/MSHA-approved respirator.

Hand: Compatible chemical-resistant gloves.

Eye: Compatible safety goggles.

Avoid inhalation. Keep tightly closed. Store in cool dry place. Store at -20°C

Section 9 - Physical and Chemical Properties

Melting Point: 20° C; Flash Point: > 392 F, > 200° C; Boiling Point: 182° C

Explosion Limits in Air: Specific Gravity: 1.262; Solubility: Water -Z26130

PH: 5.5-8.0; Vapor Density: 3.1 G/L; Vapor Pressure: < 1 MMHG @ 20°C

Section 10 - Stability and Reactivity

Stability: Stable

Materials to Avoid: Strong oxidizing agents, strong bases. Hazardous Decomposition Products:

Will not occur. Protect from heat.

Section 11 - Toxicological Information

RTECS #:MA8050000; Route of Exposure: Eye Contact: May cause skin irritation May cause eye irritation. Skin Contact Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption. Chronic Effects: Target Organs, Kidney

Materials may be irritating to mucous membranes and upper respiratory tract.

Glycerol: To the best of our knowledge, the properties have not yet been thoroughly investigated.

Irritation Data:

SKN-RBT 500 MG/24H MLD; Eye-RBT 126 MG MLD

85JCAE -, 207, 1986; BIOFX* 9-4/970

EYE-RBT 500 MG/24H MLD 85JCAE -, 207, 1986

Target Organ Data:

Gastrointestinal (nausea or vomiting), Behavioral (headache), Kidney, ureter, bladder (changes in tubules), Kidney, ureter, bladder (changes in urine composition), Paternal effects (spermatogenesis), Paternal effects (testes, epididymis, sperm duct), Effects on fertility (post-implantation mortality), Effects on fertility (male fertility index). Only selected registry of toxic effects of chemical substance.

Section 12 - Ecological Information

No data available



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Section 13 - Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal state and local environmental regulations. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated for transport (Non-Haz)		
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.