



Section 1 - Chemical Product and Company Identification

Product Name D-Mannitol extrapure, 98.5%
Product Code 24248
CAS No 69-65-8
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

CAS#	Chemical Name:	%	EINECS#
69-65-8	D-Mannitol	99	200-711-8

Section 3 - Hazards Identification

Risk advise to man and the environment.

Not to hazardous substance or mixture (Non-Haz)

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

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

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Do not let this chemical enter the environment.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage: Room temperature. Store in a tightly closed container.

Section 8 - Exposure Control / Personal Protection



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Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 69-65-8:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Melting Point: 167 - 170 deg C

Molecular Formula: C6H14O6

Molecular Weight: 182.17

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Incompatible materials, dust generation, strong oxidants.

Incompatibilities with

Other Materials : Strong oxidizing agents, strong oxidizing agents.

Hazardous Decomposition

Products : Carbon monoxide, carbon dioxide.

Hazardous Polymerization : Has not been reported.

Section 11 - Toxicological Information

RTECS#: CAS# 69-65-8: OP2060000

LD50/LC50: RTECS: CAS# 69-65-8: Oral, mouse: LD50 = 22 gm/kg;

Oral, rat: LD50 = 13500 mg/kg

Carcinogenicity: D-Mannitol - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations

Section 14 - Transport Information

IATA **IMO** **RID/ADR**

Shipping name: Not Regulated for Transport (Non-Haz)

Hazards Class:

Un Number:

Packing Group :



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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.