

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: Sorbitol Powder

Synonyms: D-Glucitol; O-Sorbitol; Hexahydric Alcohol; D-Sorbitol

Supplier: Elchemy

Company Address: A-448, Pocket 2, Sector 8, Rohini, New Delhi, Pin Code: 110085, India

Company Web Site: www.elchemy.com

Emergency Phone Number: +919867099519 (24 Hrs)

Email Id: info@elchemy.com

Section 2: Composition/Information on Ingredients

CAS#	Chemical Name	Content	EINECS#
50-70-4	D-Glucitol	100.0%	200-061-5

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

Section 3: Hazards Identification

EMERGENCY OVERVIEW

The toxicological properties of this material have not been fully investigated. Hygroscopic (absorbs moisture from the air).

Potential Health Effects:

- **Eye:** Dust may cause mechanical irritation.



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Andheri East, Mumbai,

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- **Skin:** May cause skin irritation. The toxicological properties of this material have not been fully investigated.
- **Ingestion:** May cause irritation of the digestive tract. Low hazard for usual industrial handling.
- **Inhalation:** May cause respiratory tract irritation. Low hazard for usual industrial handling. The toxicological properties of this substance have not been fully investigated.
- **Chronic:** None

Section 4: First Aid Measures

- **Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- **Skin:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
- **Ingestion:** Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Wash mouth out with water. Get medical aid if irritation or symptoms occur.
- **Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide or chemical foam. Use agent most appropriate to extinguish fire. Do NOT get water inside containers.

Section 6: Accidental Release Measures

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



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Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Do not get water inside containers.

Section 7: Handling and Storage

Handling: Wash hands before eating. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Use with adequate ventilation. Do not allow contact with water. Keep from contact with moist air and steam.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

Section 8: Exposure Controls/Personal Protection

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

Exposure Limits CAS# 50-70-4:

- **Personal Protective Equipment**
- **Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
- **Skin:** Wear appropriate protective gloves to prevent skin exposure.

Wear appropriate protective clothing to minimize contact with skin.

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.
- **Color:** Colorless or white.
- **Odor:** Odorless.
- **pH:** 6-7 for 70% soln.
- **Vapor Pressure:** Not available.
- **Viscosity:** 110 cp @ 25C
- **Boiling Point:** 295 deg C



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- **Freezing/Melting Point:** 75 deg C
- **Autoignition Temperature:** Not applicable.
- **Flash Point:** Not applicable.
- **Explosion Limits, lower:** Not available.
- **Explosion Limits, upper:** Not available.
- **Decomposition Temperature:** Not available.
- **Solubility in water:** 55% @ 25C
- **Specific Gravity/Density:** 1.489
- **Molecular Formula:** C6H14O6
- **Molecular Weight:** 182.0944

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Ignition sources, dust generation, moisture, excess heat, strong oxidants.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Section 11: Toxicological Information

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RTECS#:

CAS# 50-70-4: LZ4290000

LD50/LC50:

CAS# 50-70-4: Oral, mouse: LD50 = 17800 mg/kg; Oral, rat: LD50 = 15900 mg/kg.

Carcinogenicity: D-glucitol - Not listed by ACGIH, IARC, or NTP.



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Other: See actual entry in RTECS for complete information.

Section 12: Ecological Information

No information available.

Section 13: Disposal Considerations

Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

Section 14: Transport Information

IMO/IMDG: SUGGESTION ACCORDING TO IMO IMDG CODE THE SUBSTANCE IS NOT SUBJECT TO IMO IMDG CODE

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: applicable by sea. NO HAZARDOUS FOR SEA TRANSPORT ACCORDING TO IMO IMDG CODE FOOD ADDITIVES, NON-DANGEROUS GOODS.

Section 15: Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 50-70-4: 0



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Registered Name: **BizinBiz Technologies Private Limited**

Registered Address: 3/8 2nd Floor, Asaf Ali Road, Above Dabur India Pvt. Ltd., New Delhi, India, 110002

CIN: U24290DL2021PTC382855 | **GST: 07AAJCB9425C1ZR**

IEC: AAJCB9425C

Canada

CAS# 50-70-4 is listed on Canada's DSL List.

CAS# 50-70-4 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

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TSCA

CAS# 50-70-4 is listed on the TSCA inventory.

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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Contact Information

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Office Locations

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