



The Worldwide Resource...

THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED *STAR EXPORT HOUSE*
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

Material Safety Data Sheet Sorbitol 70 %

Section 1-Product Identification & Company Informations

Product Name	: Sorbitol 70%
Synonyms	: D – Glucitol, d – sorbite, hexahydric alcohol, Sorbite, Clucitol
Molecular weight	: 182.17
Chemical Formula	: C ₆ H ₁₄ O ₆
CAS No	: 50-70-4
Company Name & Address	: The BTTCO Overseas 6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad 380009, India
Telephone Number	: +91-94265 96891
Contact Person	: Dinaish Lunkad

Section 2- Composition/Information on Ingredients

Ingredients	Percent	Hazardous
Sorbitol	62 – 68	not found
Polyols	2 – 12	not found
Water	29 – 31	

Section 3- Hazards Identification

Emergency overview : As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin and clothing.

Rated on the 1 to 10 scale as

Health rating	: 0 – none
Flammability rating	: 1 – slight
Reactivity rating	: 0 – none
Contact rating	: 0 – none
Lab protective equipment's	: Goggles, Lab Coat
Storage colour code	: Orange (General Storage)

Potential Health Effect

Eye contact	: No adverse health effect
Skin contact	: No adverse health effect expected
Inhalation	: No adverse health effect expected from inhalation
Ingestion	: Large doses may cause gastro-intestinal upset
Expected Chronic exposure	: No information found
Aggravation of pre-existing condition	: No information found

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Section 4- First Aid Measures

Eye contact	: Wash thoroughly with running water. Get medical advice if irritation develops.
Skin contact	: Wash exposed area with soap and water. Get medical advice if irritation develops.
Inhalation	: Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion	: If large volumes were swallowed, give water to drink, and Get medical advice.

Section 5- Fire Fighting Measures

Fire	: As the most organic solids, fire is possible at elevated temperature or by contact with an ignition source
Explosion	: Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Fire Extinguishing Media	: Water spray, dry chemical, alcohol foam or carbon dioxide.
Special Information	: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

Section 6- Accidental Release Measures

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner, that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

Section 7- Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.



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8. Exposure Controls/Personal Protection

Eye Protection	: Use chemical safety goggles.
Skin Protection	: Wear protective gloves and clean body-covering clothing
Airborne Exposure Limits	: None established
Ventilation System	: Not expected to require any special ventilation.
Personal Respirators (NIOSH Approved)	: Not expected to require personal respirator usage.

Section 9- Physical and Chemical Properties

Appearance	: Clear, Colourless, and Syrupy Liquid
Odour	: Odourless
Solubility	: Miscible with Water
Relative Density	: 1.285 @ 25 °C
pH	: 5.5 – 7.0
% Volatile by volume (AS WATER) @ 80 °C	: ca 30
Boiling Point	: ca105 0C (221 0F)
Vapour Density (Air=1)	: No information found
Vapour Pressure (mm Hg)	: No information found
Evaporation Rate (BuAc=1)	: No information found

Section 10- Stability and Reactivity

Stability	: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products	: Carbon dioxide and carbon monoxide may form. when heated to decomposition
Hazardous Polymerization	: Will not occur.
Incompatibilities	: Strong oxidizers
Conditions to Avoid	: Heat, moisture, air, incompatibles



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Section 11- Toxicological Information

Oral rat LD50 : 15900 mg/kg. Investigated as a mutagen.

-----\Cancer Lists\-----

Ingredient Category	---NTP Carcinogen-----		IARC
	Known	Anticipated	
Sorbitol (50-70-4)	No	No	None

Section 12- Ecological Information

Environmental Fate : No information found

Environmental Toxicity : No information found

Section 13- Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14- Transport Information

Not regulated.

Section 15- Regulatory Information

-----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA	EC	Japan	Australia
Sorbitol (50-70-4)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

-----Canada-----

Ingredient	Korea	DSL	NDSL	Phil.
Sorbitol (50-70-4)	Yes	Yes	No	Yes

-----\Federal, State & International Regulations - Part 1\-----

-SARA 302-

---SARA 313---

Ingredient	RQ	TPQ	List	Chemical Catg.
Sorbitol (50-70-4)	No	No	No	No



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-----\Federal, State & International Regulations - Part 2\-----			
Ingredient	CERCLA	RCRA 261.33	-TSCA- 8(d)
Sorbitol (50-70-4)	No	No	NO

Chemical Weapons

Convention : No
TSCA 12(b) : No
CDTA : No
SARA 311/312 : No
Acute : No
Chronic : No
Fire : No
Pressure : No
Reactivity : No (Pure / Solid)

Poison Schedule : No information found

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

Section 16- Other Information

NFPA Ratings:

Health : 0
Flammability : 1
Reactivity : 0

Label Hazard Warning : As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Label Precautions : None

Label First Aid : Not applicable

Product Use : Used As Humicant in Confectionery, Cosmetics, Toothpaste and Pharmaceutical Industry.

Revision Information : No changes

Disclaimer:

The BTTCO Overseas provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. A properly trained person using this product intends this document only as a guide to the appropriate precautionary handling of the material. Individuals receiving

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Date: 01.04.2024

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