



Material Safety Data Sheet

Rev. 1

Page 1 of 4

Section 1 - Product and Company Identification

Product name : Sorbitol
Other names : --
Product use : Generally used in medication, light industry, food, chemical industry.
Supplier's name : San Fu Chemical Co., Ltd., Shan Hua Plant
Supplier's address : 340 Hsiao Hsin Li, Shan Hua Town, Tainan Hsien, Taiwan, R.O.C.
Supplier's phone : 06-5837608 Emergency phone : 06-5837608
FAX. : 06-5839498

Section 2 - Hazards Identification

Classification :
1. Skin Corrosion/Irritation Category 3
2. Serious Eye Damage/Eye Irritation Category 2B
The Most Important Hazards and effect
Label element :
■ Hazard symbol : N/A
■ Signal word : Warning
Hazard statement :
1. Cause light skin irritation
2. Cause eye irritation
Precautionary statement :
1. Avoid contacting with skin and eyes
2. Wear safety goggles/mask
Others Hazard : /

Section 3 - Composition/Information On Ingredients

Pure Substance :

Chemical name : Sorbitol
Synonyms : Sorbitol , d-Sorbitol, Hexahydric Alcohol
CAS No. : 50-70-4
Ingredient contributing to the hazard(%) : 70 %

Section 4 - First Aid Measures

The First-aid Information :
■ Inhalation : Move person to fresh air.
■ Skin Contact : Immediately wash contaminated area with plenty of water. If irritation occurs, seek medical attention immediately.
■ Eye Contact : Immediately flush eyes with large amount of water for at least 15 minutes. If irritation occurs, seek medical attention immediately.
■ Ingestion : If swallowed, give large quantities of water. Never give anything by mouth to an unconscious person. Seek Medical attention immediately.
The Most Important Symptoms and Hazardous Effects : --



Material Safety Data Sheet

Rev. 1

Page 2 of 4

Protection of First-aiders : No specific regulation

Notes to a Physician : --

Section 5 - Fire Fighting Measures

Extinguishing Media : CO₂ , powder, foam, water

Specific Hazards when Fire-fight : --

Specific Fire-fighting Procedure : --

Specific Protection of Firefighters : 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

Personal Precautions : Wear proper personal protection equipment.

Environmental Precautions : Prevent entry into sewer.

Methods for Cleaning up : Recycle or collect into the proper containers for recycling or managing.

Section 7 - Handling and Storage

Handling : Avoid contacting with eyes, skin and clothes.

Storage :

1. Store in dry, cool, and sealed.
2. To preserve the quality of the product, keep out of direct sunlight and away from the heat.

Section 8 - Exposure Controls & Personal Protection

Engineering measures : If mist/vapor is produced during processing, use the proper ventilation system.

Control parameters

TWA	STEL	Ceiling	Biological standards
--	--	--	--

Personal protective equipment :

- Respiratory Protection : --
- Hand Protection : Wear impervious rubber gloves
- Eye Protection : Wear chemical safety goggles.
- Skin and Body Protection : No specific regulation

Hygiene measures : Forms the good habit, strictly no drinking or eating in the working area. Need to wash the hands after work done.

Section 9 - Physical & Chemical Properties

Appearance : liquid, colorless	Odor : odorless
Color : Transparent	Melting Point : --
pH value : 5.0~7.0	Boiling point/boiling range : >100°C
Flammability: --	Flash point : --



Material Safety Data Sheet

Rev. 1

Page 3 of 4

Decomposition temp : --	Test method : --
Auto ignition temp : --	Explosion properties : --
Vapor pressure : 17 mm hg(water)	Vapor density : approx 0.7(water)
Density : approx 1.29	Solubility : totally soluble
log Kow : --	Evaporation Rate : --

Section 10 - Stability & Reactivity Data

Stability : stable
Possible hazardous reactions under specific conditions : n/a
Conditions to avoid : Heat, water, air etc. and other incompatible materials
Materials to avoid : Highly oxidize materials
Hazardous decomposition products : CO, CO ₂

Section 11 - Toxicological Information

Route of exposure : Inhalation, skin contact, ingestion, Eyes
Symptoms : May cause irritation to eyes and skin
Immediate Toxicity : <ol style="list-style-type: none">1. Skin : --2. Inhalation : Irritation3. Eye : Irritation4. Ingestion : Stomachache, flatulence, diarrhea<ul style="list-style-type: none">● LD₅₀: 15900 mg/kg (RAT, ORAL)● LC₅₀: --
Specific effects :

Section 12 - Ecological Information

Ecotoxicology : -- <ul style="list-style-type: none">■ LC₅₀(fish) : --■ EC₅₀(Aquatic Invertebrates) : --■ Bioconcentration factor (BCF) : --
Persistence and degradability : -- <ul style="list-style-type: none">■ Half-Life (Air) : --■ Half-Life (Water surface) : --■ Half-Life (Groundwater) : --■ Half-Life (Soil) : --
Bioaccumulative potential : --
Mobility in soil : --
Other adverse effects : --



Material Safety Data Sheet

Rev. 1

Page 4 of 4

Section 13 - Disposal Considerations

Methods of disposal : Refer to the local and national law and regulations

Section 14 - MSDS Transport Information

UN classification number : --

Proper D.O.T Shipping Name : --

Hazard Class : --

Packing Group : --

Marine pollution : --

Specific precautionary transport measures and conditions : --

Section 15 - Regulatory Information

Regulations :

1. Regulations for Labor Safety and Healthy Installation
2. Regulations for Chemical Hazard Communication
3. Road Traffic Safety Regulations

Section 16 - Other Information

Literature references	1. MSDS database from Merck Index 2. GHS Globally Harmonized System of Classification and Labeling of Chemicals Database		
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