



# SAFETY DATA SHEET

## SORBITOL 70% USP

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Sorbitol 70% USP  
INCI Name: Sorbitol  
CAS Number: 50-70-4

Company: Chemistry Connection  
253 Sturgis Road  
Conway, AR 72034  
Phone: (501) 470-9689

Emergency Contact: (888) 583-7738

### 2. HAZARD IDENTIFICATION

**Potential Acute Health Effects:** Hazardous in case of eye contact (irritant), of ingestion. Slightly hazardous in case of skin contact (irritant), of Inhalation,

**Potential Chronic Health Effect:** None.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Sorbitol	50-70-4	70%
Water		30%

### 4. FIRST AID MEASURES

**INHALATION:** Allow the victim to rest in well ventilated area. Seek immediate medical Attention.

**INGESTION:** Do not induce vomiting. Loosen tight clothing such as a collar, Tie or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical attention.

**SKIN CONTACT:** After contact with skin, wash immediately with water. Gently wash the Contaminated skin with running water and non- abrasive soap. Be particularly careful to clean folds, crevices and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritant persists, seek medical attention. Wash contaminated clothing before reusing.

**EYE CONTACT:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, Keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**PRODUCT OF COMBUSTION:** These products are carbon oxides (CO, CO<sub>2</sub>)

**FIRE EXTINGUISHING MEDIA:** Water Spray, DCP

**PROTECTIVE MEASURE IN FIRE:**  
Use Face shield with goggles and chemical mask.

## 6. ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURE:** Cordon Off the area. Remove all sources of ignition. Only authorized person should remain at site. Ventilate the area to the maximum possible.

**PERSONAL PRECAUTION IN SPILL:**  
Use Hand gloves, Safety goggles and Safety Shoes.

**SPILL CLEANUP METHOD:** Small Spill- Use appropriate tools to put the spilled in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill- Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system

## 7. HANDLING AND STORAGE

**USAGE PRECAUTION:** Handling- Keep away from heat and sources of ignition. Empty container pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest and breath dust. Avoid contact with eyes. Wear suitable protective clothing.

**STORAGE PRECAUTION:** Store in cool, dry and ventilated area. Grounding all Equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**AIRBORNE EXPOSER LIMIT:** None established as Sorbitol is a humectant and is not

volatile in nature

**VENTILATION SYSTEM:** Not expected to require any special ventilation.

**PERSONEL RESPIRATORS: (NIOSH APPROVED)**

Not expected to require personal respirator usage.

**SKIN PROCTION:** Wear protective gloves and clean body covering clothing.

**EYE PROCTION:** Wear chemical safety goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Clear, Colorless, Viscous, Odorless Syrupy Liquid with sweet taste.
ODOUR:	Odorless.
VAPOUR DENSITY:	Not available
ODOUR THRESHOLD:	Not available
SOLUBILITY:	Freely soluble in water, Ethanol, Methanol, Acetic Acid.
SPECIFIC GRAVITY:	1.285 @ 25deg C. Temp.
PH:	In the range 5.5 to 7.5.
% VOLATILES BY VOLUME @21C (70F):	Nil
BOILING POINT:	295 degree C (563 degree F)

**10. STABILITY AND REACTIVITY**

**STABILITY:** **Very stable against heat, weak acids & alkalis. It is non-fermentable and hence bacteriologically extremely stable.**

**HAZARD DECOMPOSITION PRODUCTS:**

Does not decompose under atmospheric condition.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**INCOMPATIBILITIES:** Strong Oxidizers.

**CONDITION TO AVOID:** Heat, Moisture, Air, Incompatibles.

**11. TOXICOLOGICAL INFORMATION**

**ROUTES OF ENTRY:** Eye contact, Ingestion

**TOXIC DOSE:** 1500mg/kg (Rat)

**INHALATION:** Not available

**CHRONIC EFFECTS:** Not available

**INGESTION:** Large dose may cause gastro-intestinal upset

**SKIN:** Not available

**EYE:** Irritation

**OTHER HEALTH EFFECTS:**

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

**MEDICAL SYMPTOMS:** Irritation of eyes.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not available

**BODS and COD:** Not available

**PRODUCTS OF BIODEGRADATION:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** To be disposed in an approved Effluent treatment Plant under controlled and appropriate conditions and process approved by the Local Pollution Control Board. State and Local Disposal Regulations may differ from federal disposal regulations. Dispose of Container and unused contents to be done In accordance with federal, state and local laws.

## 14. TRANSPORT INFORMATION

To be transported in properly closed and sealed stainless steel tank mounted on trucks. The tanks / containers must be nomenclatured appropriately with proper information regarding material. If transported in HMHDPE Barrels, then not more than two barrels should be put one over the other.

## 15. REGULATORY INFORMATION

**TABLE FOR SUPPLY:** None

**RISK PHASES:** None

**SAFETY PHRASES:** Keep locked up and If contact with eye wash thoroughly copious amount of water.

**REGULATORY REFERENCE:**

The Quality is regulated by Indian Pharmacopoeia (LP.), British Pharmacopoeia, US Pharmacopoeia, European Pharmacopoeia.

**16. OTHER INFORMATION**

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