



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Mannitol USP Powder

30-1781

Section 1: Identification

Product Name Mannitol USP Powder
Commercial Name Not available.
Product Use Pharmaceutical ingredient
Restrictions On Use Not available

Product Code 30-1781

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available

CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) N/A

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components D-Mannitol
% By Weight 100
CAS# 69-65-8
Molecular Weight 182.17 g/mole
Chemical Formula C6H14O6
Synonym(s) Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
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Section 4: First-Aid Measures

Inhalation	Assure fresh air breathing. Allow the victim to rest. In all cases of doubt, or when symptoms persist, seek medical advice.
Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops.
Eye Contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion	Rinse mouth. Do NOT induce vomiting. If a large quantity has been ingested: Obtain emergency medical attention.
Symptoms/Effects	
Acute	Not expected to present a significant hazard under anticipated conditions of normal use.
Delayed	Overexposure to dusts may produce slight irritation of the respiratory system. May cause slight irritation to eyes. On ingestion in large quantities: may cause gastrointestinal disturbance.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Foam. Dry powder. Carbon dioxide. Water spray. Sand. .

Unsuitable Extinguishing Media

Do not use a heavy water stream.

Products of Combustion

Accumulation of airborne dusts may present an explosion hazard in the presence of an ignition source.

Firefighters Special Equipment and Precautions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

For non-emergency personnel Emergency procedures: Evacuate unnecessary personnel. For emergency responders Protective equipment: Equip cleanup crew with proper protection. Emergency procedures: Ventilate area. Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Methods and material for containment and cleaning up: For containment: Contain the discharged material using dust suppressant. Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling: Provide adequate ventilation. Avoid contact with eyes. Avoid generation of dust. Remove all sources of ignition. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Storage conditions: Store at room temperature. Keep container tightly closed. Incompatible products: Strong bases. Strong acids. Strong oxidizing agents. Incompatible materials: Sources of ignition. Direct sunlight.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available
Engineering Controls	Provide local exhaust or general room ventilation to minimize exposure to dust. Exposures should be minimized in accordance with good industrial hygiene practices.
Personal Protection	Personal protective equipment: Avoid all unnecessary exposure. Protective goggles. Gloves. Hand protection: Wear protective gloves. Eye protection: Chemical goggles or safety glasses. Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Other information: Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

Appearance	White crystalline powder or granules		
Odor	None.		
Odor Threshold	Not available		
Melting Point	Not available.	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not available	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Soluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Stable
Chemical Stability	Stable
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures. Accumulation of airborne dusts.
Incompatible Materials	Strong acids. Strong bases. Strong oxidizers.
Hazardous Decomposition Products	Fume. Carbon monoxide. Carbon dioxide. Low molecular weight hydrocarbons.

Section 11: Toxicological Information

RTECS	Not available
Acute Toxicity	
LD50 oral rat	13500 mg/kg ATE US(oral) 13500.0000 mg/kg bodyweight
Skin Corrosion/Irritation	
Not classified	
Serious Eye Damage/Irritation	
Not classified	
Respiratory or Skin Sensitization	
Not classified	
Germ Cell Mutagenicity	
Not classified	
Carcinogenicity	
Not classified	
Reproductive Toxicity	
Not classified	
Routes of Entry	
Not available	
Symptoms Related to Exposure	
Not classified	

Potential Health Effects

Overexposure to dusts may produce slight irritation of the respiratory system. May cause slight irritation to eyes. On ingestion in large quantities: may cause gastrointestinal disturbance.

Target Organ(s) Not available

Section 12: Ecological Information**Ecotoxicity**

No data available for this product.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Avoid release to the environment.

Section 13: Disposal Considerations**Waste Disposal**

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Empty containers should be rinsed and discarded in a waste container or offered for recycling if possible. Do not re-use empty containers except for storage and shipment of original product. Ecology-waste materials: Avoid release to the environment.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Not available

Other

Not available.

Section 16: Other Information

NFPA health hazard: 0-Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials. NFPA fire hazard: 1-Must be preheated before ignition can occur. NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and are not reactive with water.