



Safety Data Sheet

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

Sorbitol NF Crystalline Powder

30-1227

Section 1: Identification

Product Name Sorbitol NF Crystalline Powder

Commercial Name Not available.

Product Use Not available

Restrictions On Use Not available

Product Code 30-1227

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: Acute toxicity, Oral (Category 4)

CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.
Response	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P330 Rinse mouth.
Storage	Not available.
Disposal	P501 Dispose of contents/container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Sorbitol

% By Weight 100

CAS# 50-70-4

Molecular Weight 182.17 g/mole

Chemical Formula C₆H₁₄O₆

Synonym(s) D-Glucitol; D-Sorbitol; Gulitol; L-Gulitol; Nivitin; Sionit; Sorbicolan, Sorbit; Sorbo; Sorbostyl; Sorvilande

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Sorbitol	50-70-4	100	Not available.	ORAL (LD50):Acute: 15900mg/kg [Rat].



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Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Skin Contact	Wash off with soap and plenty of water.
Eye Contact	Flush eyes with water as a precaution.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

Not available

Products of Combustion

Carbon oxides

Firefighters Special Equipment and Precautions

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal precautions: Avoid dust formation. Avoid breathing vapors, mist or gas. Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Storage: Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available
Engineering Controls	Not available.
Personal Protection	Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: General industrial hygiene practice.

Section 9: Physical and Chemical Properties

Appearance	White GRANULES, POWDER OR CRYSTALLINE MASSES		
Odor	CHARACTERISTIC		
Odor Threshold	Not available		
Melting Point	Not available.	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	295°C (563F) @3. mm Hg	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	(°F) Closed cup >200	Autoignition temperature	Not available
Flammability	May be combustible at high	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	VERY SOLUBLE in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under recommended storage conditions
Hazardous Polymerization	Not available
Conditions to Avoid	Not available
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon oxides

Section 11: Toxicological Information

RTECS	LZ4290000
Acute Toxicity	May be harmful if swallowed. Acute toxicity Oral LD50 LD50 Oral - rat - 15,900 mg/kg Inhalation LC50 no data available Dermal LD50 no data available
Skin Corrosion/Irritation	May be harmful if absorbed through skin. May cause skin irritation.
Serious Eye Damage/Irritation	May cause eye irritation.
Respiratory or Skin Sensitization	May be harmful if inhaled. May cause respiratory tract irritation.
Germ Cell Mutagenicity	Genotoxicity in vitro - Hamster - ovary Cytogenetic analysis
Carcinogenicity	Not available
Reproductive Toxicity	Not available
Routes of Entry	Ingestion. Inhalation. Skin. Eyes.
Symptoms Related to Exposure	Not available



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Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information

Ecotoxicity

Not available.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations

Waste Disposal

Offer surplus and non-recyclable solutions to a licensed disposal company.

Disposal of Container

Dispose of as unused product.

Other Considerations

Not available.

Section 14: Transport Information

DOT Classification

DOT (US) Not dangerous goods

Section 15: Regulatory Information

Regulations

OSHA Hazards No known OSHA hazards SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components D-Glucitol CAS-No. Revision Date 50-70-4 New Jersey Right To Know Components D-Glucitol CAS-No. Revision Date 50-70-4 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other

Not available.

Section 16: Other Information

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use