



320 N. Walnut St.
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Material Safety Data Sheet

Section 1. Product and Identification		
Common name:	MANNITOL	
Synonyms:	Not Available.	
Molecular formula:	C₆H₁₄O₆	
CAS #:	69-65-8	
In case of emergency:		
Chemtrec (24hr)	(800) 424-9300	
Supplier:	AerChem Inc. 320 N. Walnut St. Bloomington, IN 47404 U.S.A..	phone: (812) 334-9996 fax: (812) 334-1960 http://www.aerchem.com

Section 2. Composition and Informaion on Ingredients

Name	CAS #	% by Weight
Mannitol	69-65-8	100

Toxicological Data on Ingredients	Not Available. ORAL (LD50): Not Available.
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Section 3. Hazards Identification

Potential Acute Health Effects	Slightly dangerous to dangerous in case of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant), of eye contact (irritant), of inhalation. CARCINOGENIC EFFECTS: Not Available. MUTAGENIC EFFECTS: Not Available. TERATOGENIC EFFECTS: Not Available.
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Section 4. First Aid Measures	
Eyes	Immediately flush with water for at least 15 minutes, holding eye open. Obtain Medical attention if irritation persists.
Skin	Wash contaminated skin thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists. Wash clothes before reuse.
Ingestion	Rinse mouth with water. DO NOT induce vomiting. If conscious give victim 250ml water to drink. Never give unconscious person anything by mouth. Seek medical attention.
Inhalation	Move victim to fresh air. Give artificial respiration if not breathing. Seek medical attention.

Section 5. Fire-Fighting Measures	
Extinguishing media:	Standard media such as powder, foam or water are suitable.
Special Hazards	Thermal Decomposition forms CO and CO ₂
For the protection of firefighters, the standard breathing apparatus should be used.	

Section 6. Accidental Release Measures	
	Wearing respiratory protection is recommended.
Methods for clean-up:	After spillage or leakage remove the waste in dry form if possible, otherwise flush with plenty of cold water.

Section 7. Handling and Storage	
Handling:	If appropriate, technical measures should be taken to dispose of dust by ventilation or vacuum cleaning. Avoid excess dust
Storage:	Store in cool dry place. Suitable containers include: Glass, Stainless Steel, Polypropylene, and HD Polyethylene
Unsuitable containers:	Iron, Zinc, Aluminum

Section 8. Exposure Controls / Personal Protection	
	In case of raising dust, the use of breathing protection is recommended. Also, Rubber gloves and Safety goggles.

Section 9. Physical and Chemical Properties	
Form	crystalline powder
Color	White
Odor	Odorless

pH Value	2.2
Melting Point	130°C
Flash Point	203°C
Explosion Prop.	No explosion properties known
Buld Density	1.69 g/cubic cm
Solubility in water	565 % m/m @ 20°C

Section 10. Stability and Reactivity

Stable.

Avoid open flame.

Section 11. Toxicological Information

This product is not toxic and does not contain ingredients which can be considered as such.

Section 12. Disposal

Dispose of in accordance to local laws and regulations.

Section 13. Transport and Regulatory Information

This product is not classified as dangerous goods according to international regulations for transport, nor is it a DOT regulated substance.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. AerChem, Inc. Shall not be held liable for any damage resulting from handling or from contact with the above product.