



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. SS 910  
Effective Date November 18, 1998

## SECTION V HEALTH HAZARD DATA

SS 993

**Threshold Limited Value** None established. (ACGIH 1992-93). Acute oral LD<sub>50</sub> (rat) 16 g/kg; mouse 23 g/kg.

**Effects of Overexposure**  
**SKIN:** May cause irritation. **EYES:** May cause irritation. **INHALATION:** May cause irritation. **INGESTION:** May cause irritation to gastrointestinal tract. May cause diarrhea and vomiting.

**Emergency and First Aid Procedures**  
**INGESTION:** If swallowed, if conscious, give water to drink. Call physician or poison control center. Never give anything by mouth to an unconscious person. **SKIN:** Flush with water, follow by washing with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizers.

**Hazardous Decomposition Products** Combustion will produce carbon dioxide and probably carbon monoxide.

<b>Hazardous Polymerization</b>		<b>Conditions to Avoid</b>	Not applicable.
<b>May Occur</b>	<b>Will Not Occur</b>		
	X		

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Sweep up and place in suitable container for proper disposal.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dissolve in water and flush to sewer with copious amounts of water or dispose of in an approved incinerator. Uncontaminated material may be disposed of in a sanitary landfill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling. If dusty, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	<b>No.</b>
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	<b>No.</b>

**Protective Gloves** Rubber. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Lab coat, proper gloves, safety shower, eye wash station and ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool (preferably 15 - 35°C), dry place away from contact with oxidizing agents or acids (e.g. nitric, sulfuric). Wash thoroughly after handling. Wash thoroughly after handling. Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid contact with skin and eyes. Use adequate ventilation. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> 1	<b>Date</b> 11/18/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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The information contained herein is furnished without warranty of any kind. Employees should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	SORBITOL	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177 <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 <b>HMIS *</b>
<b>Chemical Synonyms</b>	D-Glucitol	
<b>Formula</b>	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	
<b>Unit Size</b>	up to 2.5 kg.	
<b>C.A.S. No.</b>	50-70-4	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sorbitol, Crystalline (Non-hazardous)	100%	None established.
Low hazard for usual laboratory handling; non-toxic.		

## SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	No data available.
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate ( =1)	N/A
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Soluble.		
Appearance & Odor	White hygroscopic granules, flakes or powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Ignition Temp. 630°C	<b>Flammable Limits in Air % by Volume</b>	<b>Lower</b> 4%	<b>Upper</b> 22%
<b>Extinguisher Media</b>	Water spray; dry chemical (ABC); carbon dioxide (CO <sub>2</sub> ).			

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus should be worn. None normally required.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

At optimum air concentration, Bureau of mines Relative Explosion Hazard Rating for dust is "strong". Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20