



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. SS 380  
Effective Date November 2, 1998

## SECTION V HEALTH HAZARD DATA

SS 380

### Threshold Limited Value

None established (ACGIH 1992-93). LD50 2.8 mg/kg (rat).

### Effects of Overexposure

**INHALATION:** High dust concentrations may cause upper respiratory tract irritation. **EYES:** Contact with the powder may cause eye irritation or burns. **SKIN:** Prolonged or repeated skin contact may cause skin irritation. **INGESTION:** May irritate mouth, esophagus, stomach.

### Emergency and First Aid Procedures

**EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If illness or discomfort develops, get medical attention. **INGESTION:** If swallowed, do NOT induce vomiting. If conscious, give one or two glasses of water or milk to drink and call physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Acids and acid fumes. Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Acids cause decomposition liberating gaseous carbon dioxide. Aluminum, Fluorine, Phosphorus Pentoxide.
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Hazardous Decomposition Products	Carbon dioxide (CO <sub>2</sub> ).
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Hazardous Polymerization	Conditions to Avoid		Not applicable.
	May Occur	Will Not Occur	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Use adequate ventilation. Sweep up and place in a suitable container for proper disposal. Wash spill area with soap and water.
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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.
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Dissolve in water and flush to sewer with copious amounts of water.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None required in normal handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved respirator.		
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Smock, apron, goggles, proper gloves, eye wash station, ventilation hood.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from acid or acid fumes. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Wash contaminated clothing before reuse.

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

Revision No. 5	Date 11/2/98	Approved Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers 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

Product	SODIUM CARBONATE, MONOHYDRATE		
Chemical Synonyms	Sodium Carbonate, Monohydrate		
Formula	Na <sub>2</sub> CO <sub>3</sub> •H <sub>2</sub> O		
Unit Size	up to 2.5 Kg.		
C.A.S. No.	5968-11-6		

CHEMTREC 800-424-9300 Day 716-226-6177	Health	1
	Fire	0
NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	Reactivity	1
	HMIS *	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Carbonate, Monohydrate	100%	None established.

**CAUTION! CAUSES SKIN AND EYE**

**IRRITATION. HARMFUL IF SWALLOWED.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H <sub>2</sub> O = 1)	2.25
Boiling Point (°F)	Not applicable.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate ( =1)	Data not listed.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Readily soluble.		
Appearance & Odor	White crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-combustible (NA).	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media	None required. Product inherent fire retardant.
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### SPECIAL FIREFIGHTING PROCEDURES

Its presence in a fire does not hinder the use of any standard extinguishing media. Wear a NIOSH/MSHA-approved self-contained breathing apparatus.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

None. Note decomposition beginning temperature, Section III and decomposition products, Section IV. Can react vigorously with acids.

D.O.T.	NON-REGULATED.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20