



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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Avon, New York 14414  
(716) 226-6177

MSDS No. SS 360  
Effective Date October 28, 1998

## SECTION V HEALTH HAZARD DATA

SS 360

### Threshold Limited Value

None established (ACGIH 1992-93). LD50 2.8 g/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 immediate medical attention. **SKIN:** Flush skin with plenty of water. Then wash with soap and water. **INHALATION:** Remove to fresh air. Get medical attention if ill effects develop. **INGESTION:** If swallowed, do NOT induce vomiting. If conscious, give one or two glasses of water to drink. Treat symptomatically and supportively. Get medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	None.
	Stable	X		

Incompatibility (Materials to Avoid)	Acids cause decomposition liberating gaseous carbon dioxide. When mixed with lime dust and water, corrosive caustic soda may be produced.
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Hazardous Decomposition Products	Acids cause decomposition liberating gaseous carbon dioxide. When mixed with lime dust and water, corrosive caustic soda may be produced.
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Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid	Not applicable.

## 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 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.  
  
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 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, eye wash station, goggles, proper gloves.
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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. Prolonged storage may cause product to cake from atmospheric moisture. 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.  Hygroscopic - keep container tightly closed when not in use. Avoid contact with skin and eyes. Avoid breathing dust. Use with adequate ventilation. Remove and wash contaminated clothing.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 10/28/98	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, ANHYDROUS	
Chemical Synonyms	Soda Ash	
Formula	Na <sub>2</sub> CO <sub>3</sub>	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	497-19-8	

CHEMTREC  
800-424-9300  
Day 716-226-6177

Health	1
Fire	0
Reactivity	1

NFPA HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

HMIS \*

## SECTION II INGREDIENTS OF MIXTURES

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

**WARNING! HARMFUL IF SWALLOWED.**

**CAUSES SKIN AND EYE IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	864°C (1587°F)	Specific Gravity (H <sub>2</sub> O = 1)	2.533
Boiling Point (°F)	Data not listed.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate (n-Butyl Acetate = 1)	Non-volatile (NA).
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	17% at 20°C		
Appearance & Odor	White 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 self-contained breathing apparatus approved by NIOSH/MSHA and protective equipment.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

None. Note decomposition beginning temperature, Section III and decomposition products, Section VI. 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