



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. SS 35  
Effective Date February 26, 1998

## SECTION V HEALTH HAZARD DATA

SS 35

### Threshold Limited Value

None established (ACGIH 1992-93). Toxicity:  
Skn-man TDLo: 57 mg/kg. Oral-rat LD50: 891 mg/kg.

### Effects of Overexposure

**INHALATION:** Material is irritating to mucous membranes and upper respiratory tract. **SKIN:** Single, short exposure to the skin shows no significant irritation. Prolonged or repeated exposure to skin areas may cause irritation or mild burns. **EYES:** Can cause severe irritation, pain, corneal injury. **INGESTION:** Symptoms of poisoning are nausea, vomiting, ringing in ears, dizziness, headache, dullness, confusion, sweating, and rapid pulse.

### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Immediately flush with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention. **INGESTION:** If swallowed, if conscious, give water to drink, induce vomiting and call a physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat. Light sensitive, moisture sensitive.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizers, iron salts, spirit nitrous ether, lead acetate, and iodine.
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Hazardous Decomposition Products	Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide and phenol.
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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	Recover for use if not contaminated. Wear protective safety equipment and use adequate ventilation. Avoid making dust. Sweep up and place in a suitable container for disposal. Flush spill area with water. Do not allow wash water to pollute water ways and streams.
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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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Dispose of in an approved incinerator or contract with a licensed waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be required for normal laboratory use. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask or 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, safety glasses, vented hood, proper gloves, eye wash station, and fire extinguisher.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. 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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Avoid breathing dust. Use with adequate ventilation. Avoid contact with skin and eyes. Remove and wash contaminated clothing.

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

Revision	No. 4	Date	2/26/98	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	SALICYLIC ACID
Chemical Synonyms	2-Hydroxybenzoic Acid
Formula	C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>
Unit Size	up to 2.5 Kg.
C.A.S. No.	69-72-7

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0

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

NFPA  
HAZARD RATING  
LEAST SLIGHT MODERATE  
0 1 2

Health 1  
Fire 1  
Reactivity 1  
HMIS \*  
HIGH EXTREME  
3 4

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Salicylic Acid	100%	None established.

**WARNING! CAUSES SKIN AND EYE**

**IRRITATION. HARMFUL IF SWALLOWED.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	158°-161°C (316°-321°F)	Specific Gravity (H <sub>2</sub> O = 1)	1.443 (20°/4°C)
Boiling Point (°F)	211°C (411.8°F) @ 20mm	Percent Volatile by Volume (%)	Negligible.
Vapor Pressure (mm Hg)	1 mm at 113.7°C	Evaporation Rate (Butyl Acetate = 1)	<1
Vapor Density (Air=1)	4.8		
Solubility in Water	Slight.		
Appearance & Odor	White crystalline solid; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	157°C (315°F)	Flammable Limits in Air % by Volume	Lower	Upper
		calculated	1.1 @ 200°C	-----
Extinguisher Media	Carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC); water spray.			

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing.

Autoignition Temperature: 540°C (1004°F).

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Dust may form flammable and explosive mixture with air. 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