



**ALDON
CORPORATION**

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MSDS No.: SS0035
Effective Date: January 1, 2007

MATERIAL SAFETY DATA SHEET

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Salicylic Acid	<div><p>CHEMTREC 800-424-9300 Day 585-226-6177</p><p>NFPA</p><p>HAZARD RATING MINIMAL SLIGHT MODERATE SERIOUS SEVERE 0 1 2 3 4</p><p>HMIS*</p></div>	Health	1
Chemical Synonyms	2-Hydroxybenzoic Acid		Fire	1
Formula	C ₇ H ₆ O ₃		Reactivity	1
Unit Size	up to 2.5 Kg.			
C.A.S. No.	69-72-7			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Salicylic acid	100%	None established.
WARNING!		
HARMFUL IF SWALLOWED. IRRITANT.		

SECTION III PHYSICAL DATA

Melting Point (°F)	158°-161°C (316°-321°F)	Specific Gravity (H ₂ 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 ₂); 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.

SECTION V HEALTH HAZARD DATA SS0035

Threshold Limited Value	None established (ACGIH 2001). Toxicity: Skn-man TDLo: 57 mg/kg. Oral-rat LD50: 891 mg/kg.
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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. Target organs: None known.
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Emergency and First Aid Procedures	INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. SKIN: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
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SECTION VI REACTIVITY DATA

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

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
May Occur	Will Not Occur
	X
	Not applicable.

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. Dispose of in an approved incinerator or contract with a licensed waste disposal agency.
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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.		
Ventilation	Local Exhaust	Recommended.	Special
	Mechanical (General)	Recommended.	Other
			No.
			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. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.
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Avoid breathing dust. Use with adequate ventilation. Avoid contact with skin and eyes. Remove and wash contaminated clothing.

Revision No. 6	Date 01/01/07	Approved James A. Bertsch	Chemical Safety Coordinator JAB
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