

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Salicylic Acid

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries

N4335 Temkin Road

Columbus, Wisconsin 53925

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1-920-623-2140

Date Prepared

08-30-2005

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Salicylic acid	69-72-7	Not Available	Not Available	Not Available	

*Synonym: 2-Hydroxybenzoic acid

Section III - Physical/Chemical Characteristics

Boiling Point	Decomposes	Specific Gravity (H ₂ O = 1)	Not Applicable
Vapor Pressure (mm Hg) @ 95°C	0.23 mmHg	Melting Point	160°C (320 °F)
Vapor Density (AIR = 1)	4.8	Evaporation Rate (Butyl Acetate = 1)	Not Available

Solubility in Water

Slightly soluble in cold water.

Appearance and Odor

White, crystalline solid.

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used) 157 °C / 314 °F (closed cup)	Flammable Limits	LEL 1.1%	UEL Not applicable
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Extinguishing Media

Water spray, fog, alcohol foam.

Special Fire Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

None noted. Autoignition temperature 535°C (995 °F)

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Incompatibles, heat, dust
	Stable	X	generation	

Incompatibility Materials to Avoid

Light, moisture, iron salts, oxidizing agents, lead acetate, iodine, spirit nitrous ether.

Hazardous Decomposition or Byproducts

Carbon oxides.

Hazardous Polymerization	Conditions to Avoid		
	May Occur		None
	Will Not Occur	X	

Section VI Health Hazard Data

Routes of Entry	Inhalation ?	Skin ?	Ingestion ?
	Yes	Yes, absorbed through skin	Yes

Health Hazards (Acute and Chronic)

Irritating to the skin, eyes, mucous membranes and upper respiratory tract. Possible female reproductive toxin.

Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, pulmonary edema. Ingestion or inhalation may cause damage to respiratory and digestive tracts.

Carcinogenicity	NTP	IARC Monographs	OSHA REGULATED?
	Not listed	Not listed	Not listed

Signs and Symptoms of Exposure.

Burning sensation, coughing, wheezing, laryngitis, headache, nausea, vomiting, erythema, blisters, bronchitis, pneumonia, cardiovascular collapse, shock and death. May cause increase in blood pressure and body temperature.

Medical Conditions Generally Aggravated by Exposure

Expected to aggravate asthma, emphysema, other respiratory diseases.

Emergency and First Aid Procedures EYES/SKIN: Flush immediately with plenty of water for at least 15 minutes. Remove contaminated clothing. Remove contact lenses if possible. Call physician immediately. Wash clothing before reuse
INGESTION: DO NOT induce vomiting. Call physician if swallowed. INHALATION: Move to fresh air. Give oxygen if breathing is difficult, artificial respiration if not breathing.

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Evacuate unprotected personnel from area. Ventilate area. Wear proper protective equipment
Sweep up spilled material and place in suitable container for disposal. Flush spill area with water.

Waste Disposal Method Dispose of material in accordance with all Federal, state, and local regulations.

Precautions to be Taken in Handling and Storing Store in a cool, dry, well-ventilated area in tightly-closed, plainly-labelled containers. Store in a resistant area. Protect against moisture, physical damage and light. Light and moisture sensitive.
after handling. Do not ingest or breathe vapors. Protect exposed tissues. Store below 73 °F, away from heat.

Other Precautions Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not breathe dust or vapors.

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA-approved dust respirator .

Ventilation	Local Exhaust	Necessary.	Special	Safety shower nearby.
	Mechanical (General)	Recommended.	Other	Eye wash station nearby.

Protective Gloves Chemical resistant rubber gloves. **Eye Protection** Chemical Safety Goggles.

Other Protective Clothing or Equipment Boots; protective clothing.

Work /Hygienic Practices Do NOT wear contact lenses when handling material. Wear appropriate personal protective

Wash thoroughly after handling. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid prolonged or repeated exposure.

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