

AERCHEM INC.
400 W. 7th Street, Suite 112
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 12/17/96
Product Name: Salicylic Acid
Common Name: 2-hydroxybenzoic acid

Chemical Formula: C7H6O3
CAS No.: 69-72-7

SECTION 2: HAZARDOUS INGREDIENTS:

Slightly dangerous to dangerous in case of eye and skin contact (irritant), of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant, permeator), of inhalation. Severe overexposure can result in death

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	solid
Boiling point:(760 mmHg)	decomposes
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	1.443
Solubility in water:(by weight)	Partially soluble in methanol, diethyl ether. Very slightly soluble in cold and hot water.
Melting Point:	158°C or 316.4 °F)
Volatility:	n/a
Vapor Density:	4.8

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information: Material is combustible

Flash point:	closed cup: 157°C (314.6°F)
Flammable limit:	lower: 1.1%
Extinguishing Media:	Dry chemicals, Co2, water spray, foam, fog
Unusual Fire and Explosion Hazards:	none

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	non-corrosive in presence of glass
Incompatibilities:	n/a
Hazardous Decomposition or byproducts:	n/a
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV):	n/a
Permissible Exposure Limit:	

Toxicity:

Oral:

Acute oral toxicity LD50 Cat: 400mg/kg

NTP:

IARC Monographs:

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SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

First Aid:

Eyes: Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use eye ointment.

Seek medical attention.

Skin: Remove contaminated clothes. Place victim under deluge shower. Wash contaminated skin with running water and non-abrasive soap. Cover irritated skin with emollient

Inhalation: Allow victim to rest in well ventiated area. Seek medical attention.

Ingestion: Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting. Seek medical attention.

Spillage & Disposal: Use appropriate tools to put spilled solid in convenient waste disposal container. Finish cleaning by spreading water on contaminated surface and dispose of according to local regional authority requirements.

SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Keep locked up, away from heat, sources of ignition, and strong oxidizing agents. Keep container dry and in cool place. Ground all equipment containing material. Do not breathe dust or ingest. Avoid contact with eyes.

SECTION 9: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosure, local exhaust, or other engineering controls.

Eye Protection: Splash goggles

Protective Gloves: impervious

Respiratory Protection: respirator when ventilation inadequate

Other Protective Gear: Lab coat

SECTION 10: TRANSPORT INFORMATION

DOT classification: Not a DOT controlled material

DOT pictograms: