

AERCHEM INC.
400 West 7Th Street, Suite 112
Bloomington, IN 47404

Tel: 812.334.9996

Fax: 812.334.1960

Emergency: 800-424-9300

Effective Date: November of 1991

Product Name: 5- Sulfosalicylic Acid

Chemical Formula: C₆ H₃ OH (SO₂ OH) COOH

Cas No.: 97-05-2

Hazardous Ingredients: N/A

Physical Data:

Melting point (range) Approx.:	108 ⁰ C
Boiling point:	N/A
Freezing Point:	N/A
Volatility/Vol. (%)	N/A
Specific Gravity (H ₂ O=1)	N/A
Evaporation Rate	N/A
Acidity	N/A
Solubility in water:	180 g/100g @ 20°C
Odour:	No odour.
Physical form:	White crystalline solid
Vapour pressure (mm Hg):	0
Vapour density (Air=1):	N/A

Fire and Explosion Information:

Flash point: N/A
Flammable Limits: N/A
(Auto) Ignition temperature:
Extinguishing media to be recommended: No Fire Hazard
Special fire and explosions precautions: None

Reactivity Data: **Stable** X **Unstable** _____

Hazardous Decomposition: May produce toxic fumes of carbon monoxide, carbon dioxide, and sulphur oxide

Hazardous Polymerisation: Will not occur.

Incompatibilities: Strong oxidizers, strong bases. May discolour on exposure to light

Handling and Storage Information: Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Light sensitive. Keep sealed and stored in a cool dry place.

Leak/Spill Information: Evacuate area. Wear all protective clothing as required. Avoid raising dust. Sweep up material and place into containers suitable for disposal. Ventilate area and wash spill site after material pickup is complete.

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Disposal Information: Neutralise with alkalis. Comply with all local, state, and federal regulations.

Health Hazard Information:

A. Exposure/Health Effects First Aid:

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Wash out mouth with water ,seek medical attention.

Skin Contact: Was thoroughly with soap and water.

Eye Contact: Flush with water for 15 minutes. Separate eyelids to ensure adequate irrigation.

C. Toxicity Data

Oral rat LD₅₀: 2450 mg/kg

Oral rabbit : 1300 mg/kg

This material is harmful if swallowed, inhaled, or absorbed through the skin. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Inhalation may be fatal due to spasm, inflammation, and edema of the larynx and bronchi endema. Symptoms of exposure may include: burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

Occupational Control Measures:

Airborne Exposure Limits:

Ventilation Systems: Use only in a chemical fume hood.

Personal Respirators: Respirator with dust filter.

Skin Protection: Face shield (8" minimum) should be worn Chemical resistant rubber gloves must be worn.

Eye Protection: Chemical splash goggles.
