

MATERIAL SAFETY DATA SHEET (MSDS)

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Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name 5-Sulfosalicylic Acid
Manufacturer EM Science
A Division of EM Industries
P.O. Box 70
480 Democrat Road
Gibbstown, N.J. 08027

Product Code 29695
Effective Date 10/29/2001

For More Information Call

856-423-6300 Technical Service
Monday-Friday: 8:00 AM - 5:00 PM

In Case of Emergency Call

800-424-9300 CHEMTREC (USA)
613-996-6666 CANUTEC (Canada)
24 Hours/Day: 7 Days/Week

Synonym SALICYLSULFONIC ACID
Material Uses Analytical reagent.
Chemical Family Organic

Section 2. Composition and Information on Ingredients

Component	CAS #	% by Weight
5-Sulfosalicylic Acid	97-05-2	100

Section 3. Hazards Identification

Physical State and Appearance Solid. (Crystals or powder)

Emergency Overview

WARNING!
HARMFUL IF SWALLOWED.
CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Routes of Entry

Absorbed through skin. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Skin Hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Inhalation Hazardous in case of inhalation (lung irritant).

Ingestion Hazardous in case of ingestion.

Potential Chronic Health Effects

Carcinogenic Effects This material is not known to cause cancer in animals or humans.

Additional information See Toxicological Information (section 11)

Medical Conditions

Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Aggravated by

Overexposure:

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, use oxygen. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	Non-flammable.
Auto-ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: No.
Fire Fighting Media and Instructions	Risks of explosion of the product in presence of mechanical impact: No.
Protective Clothing (Fire)	Not applicable.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.

Section 6. Accidental Release Measures

Small Spill and Leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Large Spill and Leak	Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Spill Kit Information	No specific spill kit required for this product.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust. Keep container closed.
Storage	Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust systems, and other engineering controls to reduce exposure to dusts and vapors.
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Section 15. Regulatory Information

U.S. Federal Regulations TSCA 8(b) inventory: 5-Sulfosalicylic Acid
 SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
 SARA 302/304/311/312 hazardous chemicals: No products were found.
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
 SARA 313 toxic chemical notification and release reporting: No products were found.
 Clean Water Act (CWA) 307: No products were found.
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 accidental release prevention: No products were found.
 Clean air act (CAA) 112 regulated flammable substances: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: No products were found.
 Class D-2B: Material causing other toxic effects (TOXIC).
 CEPA DSL: 5-Sulfosalicylic Acid

WHMIS (Canada)

International Regulations

EINECS 5-Sulfosalicylic Acid 202-555-6
DSCL (EEC) R22- Harmful if swallowed.
 R37/38- Irritating to respiratory system and skin.
 R41- Risk of serious damage to eyes.

International Lists Australia (NICNAS): 5-Sulfosalicylic Acid

Japan (MITI): 5-Sulfosalicylic Acid

Korea (TCCL): 5-Sulfosalicylic Acid

Philippines (RA6969): 5-Sulfosalicylic Acid

China: No products were found.

No products were found.

California prop. 65: No products were found.

State Regulations

Section 16. Other Information

National Fire Protection Association (U.S.A.)	Health	0	Fire Hazard
		1	0
			Reactivity Specific Hazard

Changed Since Last Revision +

Notice to Reader

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