

**MSDS****Material Safety Data Sheet**

24 HOUR EMERGENCY  
TELEPHONE NUMBER  
CALL CHEMTREC  
1-800-424-9300

189 Twin County Road • Morgantown, PA 19543 • (610) 524-5810

**Sulfosalicylic Acid, 3%, w/v****Section I: PRODUCT IDENTIFICATION**

**Name:** 3% Sulfosalicylic Acid Solution

**Azer Scientific Product Number:** ES620, ES620-4, ES621

**Product Description:** Sulfosalicylic Acid Solution

**Cas No:** 5965-83-3

**Formula:** NA

**Revision Date:** 10 January 2007

**Section II: HAZARDOUS INGREDIENTS / EXPOSURE LIMITS**

<b><u>Component(s):</u></b>	<b><u>CAS Number</u></b>	<b><u>OHSA PEL, ACGIH TLV/STEL</u></b>
Sulfosalicylic Acid	5965-83-3	NA

<b><u>NFPA</u></b>	Health	1
	Flammability	0
	Reactivity	0

**Section III: PHYSICAL / CHEMICAL COMPOSITION**

<i>Boiling Point:</i>	~212°F	<i>Specific Gravity (H<sub>2</sub>O = 1):</i>	~1
<i>Vapor Pressure mm Hg/20°C:</i>	2.3	<i>Percent Volatile by Vol.:</i>	Minimal
<i>Vapor Density (Air 1:1):</i>	0.62	<i>Evaporation Rate (ether = 1) :</i>	NA
<i>Solubility in H<sub>2</sub>O:</i>	Complete	<i>Appearance &amp; Odor:</i>	Clear Liquid/odorless

**Section IV: FIRE/EXPLOSION HAZARD DATA**

*Flash Point:* NA      *Flammable Limits:* LEL: NA      UEL: NA  
*Extinguishing Media:* Water Spray, Dry Chemical, CO<sub>2</sub> and Foam.

*Special Fire Fighting Procedures:* Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.

*Unusual Fire & Explosion Hazards:* None Known

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## **Section V: REACTIVITY DATA**

*Stability:* Stable.

*Material to Avoid:* Strong mineral acids.

*Hazardous Decomposition or Byproducts:* Sulfur oxides, phenol and salicylic acid.

*Hazardous Polymerization:* Does not occur.

*Conditions to Avoid:* Excessive Heat.

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## **Section VI: HEALTH HAZARD DATA**

**Note: Product as offered in liquid form is not expected to present health hazards when following good laboratory practices.**

*Routes of Entry:* Inhalation, Skin and Ingestion.

*Acute:* Vapors or solution may cause minor eye, skin and respiratory irritation.

*Chronic:* Product is not expected to cause health hazards when utilizing good laboratory practices.

*Carcinogenicity:* Not classified as a human carcinogen.

*Signs/Symptoms of Exposure:* Possible skin and respiratory irritation.

### **\*\*\*\*\* Emergency First Aid \*\*\*\*\***

*Skin:* Remove contaminated clothing. Wash affected skin area with soap and water.

*Eyes:* Thoroughly flush eyes with water. Contact a physician if irritation persists.

*Ingestion:* Rinse mouth thoroughly with water, provided person is conscious and contact a physician.

*Inhalation:* Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

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## **Section VII: SAFE HANDLING**

*Chemical Release or Spill:* Clean spill by dilution with water. Place all contaminated material in closed container for proper disposal.

*Waste Disposal Method:* All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

*Precautions for Handling and Storing:* Use normal precautions for laboratory reagents. Avoid excessive heat.

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## **Section VIII: CONTROL MEASURES**

*Respiratory Protection:* Not normally required if used in a well ventilated area.

*Ventilation:* In ventilated areas mechanical exhaust is sufficient.

*Protective Gloves:* Chemical resistant.

*Eye Protection:* Safety glasses.

*Other Protective Clothing or Equipment:* Normal laboratory apparel suggested by Good Laboratory Practices.

*Work/Hygienic Practices:* Wash thoroughly with soap and water after handling.

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