

MATERIAL SAFETY DATA SHEET

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Section I: IDENTIFICATION

Product Name: **Sulfosalicylic Acid 20%**

Date Prepared: 04/01/03

Item Number: 3342, 3343

Emergency Phone: 800-424-9300

Section II: INGREDIENTS

| <i>Component(s):</i> | <i>CAS#</i> | <i>OHS PEL, ACGIH TLV/STEL</i> | NFPA |
|----------------------|-------------|--------------------------------|--|
| Sulfosalicylic Acid | 5965-83-3 | NA | Health 1 Flammability 0 Reactivity 0 |

Section III: PHYSICAL DATA

| | | | |
|--------------------------------------|----------|---|-----------------------|
| <i>Boiling Point:</i> | 212°F | <i>Specific Gravity (H₂O = 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 H₂O:</i> | Complete | <i>Appearance & Odor:</i> | Clear liquid/odorless |

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: NA *Flammable Limits:* LEL, NA UEL, NA
Extinguishing Media: Water spray, dry chemical, CO₂ 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.

Section V: REACTIVITY

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

Section VI: HEALTH HAZARDS

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

Routes of Entry: Inhalation, Skin and Ingestion

Acute: Vapors or solution may cause minor eyes, skin and respiratory irritation. *Chronic:* Not Known

Carcinogenicity: Not classified as a human carcinogen.

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

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Section VI: HEALTH HAZARDS

Emergency First Aid:

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

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

Ingestion: Rinse mouth 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.

Section VII: SAFE HANDLING

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

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required if used in a 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.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Astral shall not be held liable for any damage resulting from handling or contact with this product.

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