SULFANILIC ACID
MATERIAL SAFETY DATA SHEET

INTEGRA Chemical Company
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)

Product Identification

Product Name: SULFANILIC ACID
Synonyms: 4-Aminobenzoic acid
Chemical Formula: NH₂C₆H₄SO₃H
Formula Weight: 173.19
Chemical Family: Integra Product Numbers: S920.10

Hazard Overview

HMIS Rating: 1-1-0-E NFPA Rating: NE
Warning Label: Caution!
May cause irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfanilic acid</td>
<td>00121-57-3</td>
<td>100</td>
</tr>
</tbody>
</table>

Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Melting Point</td>
<td>288 °C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>NA</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility</td>
<td>Slightly soluble in water (0.1-1%)</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Colorless or white crystals or powder. Odorless.</td>
</tr>
</tbody>
</table>

Fire and Explosion Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>NA</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>NA</td>
</tr>
<tr>
<td>Flammable Limits (% by volume in air)</td>
<td>Upper: NA</td>
</tr>
<tr>
<td></td>
<td>Lower: NA</td>
</tr>
<tr>
<td>Fire Extinguishing Media</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Use extinguishing media appropriate for surrounding fire.</td>
</tr>
<tr>
<td>Special Firefighting Procedures</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fire conditions may liberate toxic and noxious fumes.</td>
</tr>
</tbody>
</table>

Health Hazard Information

Effects of Overexposure

Skin Contact: Contact may cause skin irritation.

Eye Contact:
Health Hazard Information

**Eye Contact:**
Contact may be irritating to the eyes.

**Ingestion:**
Low in toxicity, however, ingestion may irritate the gastrointestinal system.

**Inhalation:**
Inhalation may irritate the nose, throat and upper respiratory tract.

**Chronic Effects of Overexposure:**
None Identified

**Exposure Limits:**

<table>
<thead>
<tr>
<th>Component</th>
<th>TWA</th>
<th>STEL</th>
<th>OSHA PEL</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfanilic acid</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
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**ACGIH TLV**

<table>
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<tr>
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<th>Ceiling</th>
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<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

**Toxicity Data:**

- Sulfanilic acid: No information available
- Medical Conditions Generally Aggravated by Exposure:
  - None Identified
- Target Organs:
  - None Identified
- Reproductive Effects:
  - None Identified
- Carcinogenicity:
  - None Identified

**Component** | **NTP Listing** | **IARC Listing** | **OSHA Regulated**
---|---|---|---
Sulfanilic acid | No listing | No listing | ☐

Emergency First Aid Procedures

**Skin Contact:**
Wash with soap and water. Seek medical attention if irritation develops.

**Eye Contact:**
Flush with water for at least 15 minutes. Seek immediate medical attention.

**Inhalation:**
Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult administer oxygen. Seek medical attention.

**Ingestion:**
If swallowed, give victim large quantities of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Additional First aid and Treatment Notes:**
No information available

Reactivity Data

**Stability:**
Stable
Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Incompatibles:
   Incompatible with strong oxidizers.
Decomposition Products:
   Oxides of nitrogen. Oxides of sulfur.
Conditions to Avoid:
   No information available.

Spill and Disposal Procedures

Spill and Leak Procedures:
   Prevent spread of spill. Sweep or scoop into disposal container. Flush residues with water. Wear suitable protective equipment.
Disposal Procedures:
   Dispose in accordance with all Local, State and Federal regulations.

Protective Equipment

Ventilation:
   Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection:
   If use generates dusts or vapors use an NIOSH approves dust/mist respirator.
Skin and Eye Protective Equipment:
   Safety goggles, protective clothing and gloves. Maintain an eyewash station and safety shower nearby.

Storage and Handling Precautions

Storage Area: GENERAL
   Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Protect containers from physical damage.

Transportation Information

☐ Regulated Material domestic ground transportation
   (reference: CFR Title 49, Transportation)
   Proper Shipping Name:
   UN or NA Identification number: Hazard Class and Label:
   Packing Group: Subsidiary Risk and Label:

☐ Regulated Material via Air Transportation
   (reference: ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air)
   Proper Shipping Name:
   UN Identification Number: Hazard Class and Label:
   Packing Group: Subsidiary Risk and Label:
## Transportation Information

<table>
<thead>
<tr>
<th>Packing Instruction</th>
<th>Max net qty per package</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passenger Aircraft:</td>
<td></td>
</tr>
<tr>
<td>Cargo Aircraft:</td>
<td></td>
</tr>
</tbody>
</table>

## Regulatory Information

<table>
<thead>
<tr>
<th>Component</th>
<th>TSCA</th>
<th>CERCLA</th>
<th>SARA EHS</th>
<th>SARA 313 Toxic Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfanilic acid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SARA Hazard Categories:</td>
<td>Acute</td>
<td>Chronic</td>
<td>Flammability</td>
<td>Pressure</td>
</tr>
<tr>
<td>Sulfanilic acid</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clean Air Act Categories:</td>
<td>SOCM</td>
<td>HAP</td>
<td>Volatile HAP</td>
<td>Organic HAP</td>
</tr>
<tr>
<td>Sulfanilic acid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MSDS Revision History:
- 002 - Format revisions; updated header phone number
- 003 - Updated Header Information

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***** END OF MSDS *****