SAFETY DATA SHEET: SALICYLIC ACID

1. IDENTIFICATION

Product Name: SALICYLIC ACID
Synonyms: 2-Hydroxybenzoic acid
Formula and Formula Weight: C6H4OH COOH  138.12
Integra numbers beginning with: S085.10
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

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

2. HAZARDS IDENTIFICATION

OSHA Classification:
Acute Toxicity - Oral: 4 Harmful if swallowed.
Eye Damage/Irritation: 1 Causes serious eye damage.

Signal Word: DANGER

Precautionary Statements
Prevention:
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection, face protection.

Response
Rinse mouth.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center, doctor.

Disposal
Dispose of contents, container in accordance with all governmental regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component | Synonyms | CAS # | % Weight
--- | --- | --- | ---
Salicylic acid | 2-Hydroxybenzoic acid | 00069-72-7 | 100

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: Rinse mouth and give victim large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Additional notes: Symptoms and effects include skin, eye, respiratory, gastrointestinal irritation; eye damage; headache, dizziness, rapid pulse, hyperemia, lethargy, vomiting, tinnitus, hearing loss; excitability, delirium, fever, sweating, dehydration, incoordination, restlessness, coma, cyanosis, uremia, pulmonary edema and respiratory failure; abdominal bleeding, gastric ulcer, weight loss, mental deterioration, skin eruptions, liver damage, burns.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: No information available

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE

Incompatible Materials: Incompatible with strong bases and strong oxidizers. Iodine, iron and iron salts, lead acetate, nitrous ether.
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection, face protection.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
OSHA & ACGIH Exposure Limits:
Salicylic acid None identified

Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure. Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: White crystalline powder
Odor: Slight phenolic odor
Odor Threshold: Not available
pH: 2.4 (for saturated solution)
Melting/Freezing Point: 158 °C
Initial Boiling Point and Boiling Range: 211 °C
Flash Point: 157 °C
Evaporation Rate: Not available
Flammability: Not available
Flammable or Explosive Limits (% by volume in air) Upper: Not available Lower: Not available
Vapor Pressure: 1 mm Hg @114°C
Vapor Density: 4.8
Relative Density: 1.44 g/cc
Solubility: 1.8 g/L of water at 20°C
Partition Coefficient: n-octanol/water 2.3
Auto-Ignition Temperature: 540 °C
Decomposition Temperature: Not available
Viscosity: Not available

10. STABILITY AND REACTIVITY
Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Incompatibles: Incompatible with strong bases and strong oxidizers. Iodine, iron and iron salts, lead acetate, nitrous ether.

11. TOXICOLOGICAL INFORMATION
Effects of Over Exposure:
Inhalation: Inhalation of dusts may cause nose and throat irritation. Severe inhalation may result in headache, dizziness, rapid pulse, hyperpnea, lethargy, vomiting, tinnitus and hearing loss.
Skin Contact: Contact with skin may be irritating. Material may be absorbed through the skin in harmful amounts.
Eye Contact: May irritate or burn the eyes.
Ingestion: Harmful if swallowed. Ingestion may result in headache, dizziness, rapid pulse, hyperpnea, lethargy, vomiting, tinnitus and hearing loss. More severe poisoning may produce marked lethargy, excitability, delirium, fever, sweating, dehydration, incoordination, restlessness, coma, cyanosis, uremia, pulmonary edema and respiratory failure.
Chronic Effects: Prolonged skin contact may cause marked irritation or mild burns. Chronic ingestion may produce tinnitus, abdominal bleeding, gastric ulcer, weight loss, mental deterioration, skin eruptions, and possible liver damage.
Target Organs: No information available
Additional Effects: Persons with aspirin sensitization should not contact this substance.
Reproductive Effects: No information available
Carcinogenicity: None identified
Toxicity Data:
Salicylic acid
LD50 (skin, rat) >2000 mg/kg
LC50 (inhalation, rat) >900 mg/m3
Irritation (skin, rabbit) Mild, 500 mg/24 hr
12. ECOLOGICAL INFORMATION

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<tr>
<th>Aquatic Toxicity Data</th>
<th>Terrestrial Toxicity Data</th>
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<tr>
<td>Salicylic acid</td>
<td>LC50 Leuciscus idus: 90 mg/L</td>
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Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: Harmful to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

This product is not a regulated material for domestic ground transporation.

Environmental hazards: No information available
Special precautions: No information available
Bulk transport: No information available

15. REGULATORY INFORMATION

Salicylic acid is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHA SDS #: 26286 rev 101 8.11.2016

NE = Not established, NA = Not applicable or Not available

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***** END OF SDS *****