MATERIAL SAFETY DATA SHEET
Salicylic acid

Section 1 - Chemical Product and Company Identification

MSDS Name: Salicylic acid
Catalog Numbers: 14770-0000, 14770-0010, 38573-0000, 41922-0000, 41922-0020, 41922-0025, 41922-5000
Synonyms: 2-Hydroxybenzoic acid

Company Identification: Acros Organics BVBA
Janssen Pharmaceuticaan 3a
2440 Geel, Belgium

Company Identification: (USA)
Acros Organics
One Reagent Lane
Fair Lawn, NJ 07410

For information in the US, call: 800-ACROS-01
For information in Europe, call: +32 14 57 52 11
Emergency Number, Europe: +32 14 57 52 99
Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300
CHEMTREC Phone Number, Europe: 703-527-3887

Section 2 - Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name:</th>
<th>%</th>
<th>EINECS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>69-72-7</td>
<td>Salicylic acid</td>
<td>99+%</td>
<td>200-712-3</td>
</tr>
</tbody>
</table>

Hazard Symbols: XN

Risk Phrases: 22 36/37/38 41

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Harmful if swallowed. Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes.

Potential Health Effects

Eye: Causes severe eye irritation. May result in corneal injury. Causes redness and pain.

Skin: Causes skin irritation. Causes redness and pain. May be harmful if absorbed through the skin.

Ingestion: Harmful if swallowed. Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: Causes respiratory tract irritation. May be harmful if inhaled. May cause respiratory difficulty and coughing.

Chronic:
Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can form explosive mixtures with air.

Extinguishing Media: Water or foam may cause frothing. Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Avoid generating dusty conditions. Provide ventilation.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Take precautionary measures against static discharges.

Storage: Store in a cool, dry place. Do not store in direct sunlight. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# 69-72-7:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Powder

Color: white - very light yellow

Odor: odorless
pH: 3.6 (0.18% aq. sol.)

**Vapor Pressure:** 0.3 mbar @ 95 deg C

**Viscosity:** Not available

**Boiling Point:** 211 deg C @ 20 mmHg (411.80°F)

**Freezing/Melting Point:** 158 - 161 deg C

**Autoignition Temperature:** 535 deg C (995.00 deg F)

**Flash Point:** 157 deg C (314.60 deg F)

**Explosion Limits: Lower:** Not available

**Explosion Limits: Upper:** Not available

**Decomposition Temperature:** Not available

**Solubility in water:** 1.8 g/l water

**Specific Gravity/Density:** Not available.

**Molecular Formula:** C7H6O3

**Molecular Weight:** 138.12

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**Section 10 - Stability and Reactivity**

**Chemical Stability:** Stable at room temperature in closed containers under normal storage and handling conditions. May discolor on exposure to light. Light sensitive.

**Conditions to Avoid:** High temperatures, incompatible materials, light.

**Incompatibilities with Other Materials**
- Oxidizing agents
- Strong bases
- Fluorine
- Lead acetate
- Iron salts
- Zinc chloride
- Iodine
- Spirit nitrous ether

**Hazardous Decomposition Products**
- Carbon monoxide
- Carbon dioxide
- Phenol

**Hazardous Polymerization**
- Will not occur.

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**Section 11 - Toxicological Information**

**RTECS #:** CAS# 69-72-7: VO0525000

**LD50/LC50:**
- **CAS# 69-72-7:** Draize test, rabbit, eye: 100 mg Severe; Draize test, rabbit, skin: 500 mg/24H Mild; Inhalation, rat: LC50 = >900 mg/m3/1H; Oral, mouse: LD50 = 480 mg/kg; Oral, rabbit: LD50 = 1300 mg/kg; Oral, rat: LD50 = 891 mg/kg; Skin, rabbit: LD50 = >10 gm/kg; Skin, rat: LD50 = >2 gm/kg; Other: Inhalation, rat: LC50 > 900 mg/m%o/H Skin, rabbit: LD50 > 10 gm/kg

**Carcinogenicity:** Salicylic acid - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Other:** See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

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**Section 12 - Ecological Information**

**Ecotoxicity:**
- Daphnia: 180 mg/l; 24H; EC50
- Algae: 60 mg/l; 72H; EC50

**Other:** This chemical is not likely to bioconcentrate. Biodegradable. log POW: 2.21

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**Section 13 - Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

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**Section 14 - Transport Information**
Shipping Name: Not regulated.
Hazard Class: Not regulated.
UN Number: Not regulated.
Packing Group: Not regulated.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN
Risk Phrases:
  R 22 Harmful if swallowed.
  R 36/37/38 Irritating to eyes, respiratory system and skin.
  R 41 Risk of serious damage to eyes.
Safety Phrases:
  S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 69-72-7: 1

Canada

CAS# 69-72-7 is listed on Canada's DSL List

US Federal

TSCA

CAS# 69-72-7 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 7/17/1996
Revision #2 Date 6/24/2004

Revisions were made in Sections: General revision.

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