

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 Pharmaceuticaaan 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

CAS#	Chemical Name:	%	EINECS#
69-72-7	Salicylic acid	99+%	200-712-3

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

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.

Section 11 - Toxicological Information

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

LD50/LC50: RTECS:
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/m³/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.

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

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated.	Not regulated.	Not regulated.
Hazard Class:			
UN Number:			
Packing Group:			

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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