

Language: EN

Country:

**** MATERIAL SAFETY DATA SHEET ****

Salicylic acid ACS
20315

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Salicylic acid ACS

Catalog Numbers:

BP/S120, S/0280, S/0282

Synonyms:

2-hydroxybenzoic acid, o-hydroxybenzoic acid, psoriacid-S-stift,
retarder W, rutranex, salonilCompany Identification: Fisher Scientific UK
Bishop Meadow Road
Loughborough, Leicestershire
LE11 5RG, UK

For information, call: 01509 231166

For emergencies, call: 01509 231166

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	EINECS#	Haz Symbols	Risk Phrases
69-72-7	Salicylic acid	>98	200-712-3		

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Not available.

Potential Health Effects

Eye:

Contact with eyes may cause severe irritation, and possible eye burns.

Skin:

Contact with skin causes irritation and possible burns, especially if the skin is wet or moist.

Ingestion:

Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation:

Dust is irritating to the respiratory tract.

Chronic:

Not available.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin:

Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid. Induce vomiting by giving one teaspoon of Syrup of

Ipecac.

Inhalation:

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

Notes to Physician:

**** 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:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Water or foam may cause frothing.

**** 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 generating dusty conditions.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage:

Keep away from sources of ignition. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible substances.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protective Equipment

Eyes:

Wear safety glasses and chemical goggles or face shield if handling liquids.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Solid
Color: White crystals or powder
Odor: No data
pH: 2.4

Vapor Pressure: .000082 mm Hg
Viscosity: No data
Boiling Point: 412 deg F
Freezing/Melting Point: 315 deg F
Autoignition Temperature: 1004 deg F (540.00 deg C)
Flash Point: 315 deg F (157.22 deg C)
Explosion Limits, lower: 1.1
Explosion Limits, upper: 0
Decomposition Temperature:
Solubility in water: Slightly soluble in water
Specific Gravity/Density: 1.4
Molecular Formula: C7H6O3
Molecular Weight: 138.13

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

High temperatures, incompatible materials, light.

Incompatibilities with Other Materials:

Iron salts, spirit nitrous ether, lead acetate, iodine, and oxidizing materials.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

**** 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.

Carcinogenicity:

Salicylic acid -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Other:

See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Other

No information available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

**** SECTION 14 - TRANSPORT INFORMATION ****

IATA

Shipping Name: SILVER NITRATE

Hazard Class: 5.1

UN Number: 1493

Packing Group: II

IMO

Shipping Name: SILVER NITRATE

Hazard Class: 5.1

UN Number: 1493

Packing Group: II
RID/ADR
Shipping Name: SILVER NITRATE
Hazard Class: 5.1
UN Number: 1493
Packing group: II

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 69-72-7: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

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

CAS# 69-72-7 is listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

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

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 12/08/1994 Revision #0 Date: Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.