

Section 1. Product and Company Identification

Product Name Salicylic Acid
CAS Number 69-72-7

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

GHS Classification: Acute toxicity, Oral (Category 4)
Skin irritation (Category 3)
Serious eye damage (Category 1)

GHS Label Elements

Pictograms:



Signal word: Danger

Hazard and precautionary statements

Hazard statement(s)

H302 Harmful if swallowed.

H316 Causes mild skin irritation.

H318 Causes serious eye damage.

Precautionary statement(s)

P280 Wear protective gloves/ eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

OSHA Hazards: Target organ effect, Harmful by ingestion, Irritant

Target Organs: Central nervous system, Blood



HMIS Classification

Health Hazard: 2

Chronic Health Hazard: *

Flammability: 0

Physical Hazards: 0

NFPA Rating

Health Hazard: 2

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Harmful if swallowed.

Section 3. Composition / Information on Ingredients

Common Name	Salicylic Acid
Formula	C ₇ H ₆ O ₃
CAS Number	69-72-7

Section 4. First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.

If Inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Consult a physician.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Consult a physician.

Section 5. Firefighting Measures

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous Combustion Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides



Section 6. Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental Precautions: Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for Safe Storage: Keep container tightly closed in a dry and well-ventilated place. Light sensitive.

Section 8. Exposure Controls / Personal Protection

Contains no substances with occupational exposure limit values.

Personal Protective Equipment

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Body Protection: Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9. Physical and Chemical Properties

Appearance

Form: Crystalline

Color: White



Safety Data

pH: 2.4 at 20°C (68°F)
Melting Point/Range: 158 - 160°C (316 - 320°F)
Boiling Point: 211°C (412°F) at 27 hPa (20 mmHg)
Flash Point: 157°C (315°F) - closed cup
Ignition Temperature: 540°C (1,004°F)
Autoignition Temperature: No data available.
Lower Explosion Limit: 1.1% (V)
Vapor Pressure: 1 hPa (1 mmHg) at 114°C (237°F)
Density: 1.440 g/cm³
Water Solubility: No data available.
Partition Coefficient (n-Octanol/Water): log Pow: 2.21
Relative Vapor Density: No data available.
Odor: Odorless
Odor Threshold: No data available.
Evaporation Rate: No data available.

Section 10. Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: Light.
Materials to Avoid: Strong oxidizing agents, Strong bases, Iodine, Iron and iron salts.
Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other Decomposition Products: No data available.

Section 11. Toxicological Information

Acute Toxicity

Oral LD50: LD50 Oral - rat - 891 mg/kg
Remarks: Behavioral: somnolence (general depressed activity). Behavioral: muscle weakness.
Inhalation LC50: LC50 Inhalation - rat - 1 h - > 900 mg/m³
Dermal LD50: LD50 Dermal - rabbit - > 10,000 mg/kg
Other Information on Acute Toxicity: No data available.

Skin Corrosion/Irritation: Skin - rabbit - Mild skin irritation - 24 h
Serious Eye Damage/Eye Irritation: Eyes - rabbit - Severe eye irritation
Respiratory or Skin Sensitization: No data available.
Germ Cell Mutagenicity: No data available.



Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: No data available.

Teratogenicity: No data available.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): no data available.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): No data available.

Aspiration Hazard: No data available.

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion: Harmful if swallowed.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Signs and Symptoms of Exposure: Cough, shortness of breath, headache, nausea, vomiting. Mild chronic salicylate intoxication is termed salicylism. Symptoms include: headache, dizziness, ringing in the ears, difficulty in hearing, dimness of vision, mental confusion, lassitude, drowsiness, sweating, thirst, hyperventilation, nausea, vomiting, and occasionally diarrhea. A more severe degree of salicylate intoxication is characterized by more pronounced CNS disturbances (including generalized convulsions and coma), skin eruptions, and marked alterations in acid-base balance.

Synergistic Effects: No data available

Additional Information: RTECS: VO0525000

Section 12. Ecological Information

Toxicity

Toxicity to Fish: LC50 - *Leuciscus idus* (Golden orfe) - 90 mg/l

Toxicity to Daphnia and Other Aquatic Invertebrates: EC50 - *Daphnia magna* (Water flea) - 105 mg/l - 24 h

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in soil: No data available.

PBT and vPvB Assessment: No data available.

Other Adverse Effects: No data available.



Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15. Regulatory Information

OSHA Hazards: Target Organ Effect, Harmful by ingestion., Irritant

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right to Know Components: Salicylic acid, CAS-No. 69-72-7

New Jersey Right to Know Components: Salicylic acid, CAS-No. 69-72-7

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/15/2015