

YSA-SALICYLIC ACID PHARMA GRADE YSA-SALICYLIC ACID PREMIUM GRADE YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 02/24/2017

Revision date: 02/11/2020

Supersedes: 08/03/2018

Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Substance
Name : Salicylic acid
CAS-No. : 69-72-7
Formula : C₇H₆O₃

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Intermediate
Pharmaceuticals
Cosmetics, personal care products
Mining, (without offshore industries)
Air care products
Polishes and wax blends
Washing and cleaning products (including solvent based products)
Tyre (manufacturing/retreading)

1.3. Supplier

Manufacturer

NOVACYL
21, Chemin de la Sauvegarde
Ecully Parc CS 33167
ECULLY Cedex, 69134 - FRANCE
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Univar Solutions USA
3075 Highland Pkwy Ste 200
Downers Grove, IL 60515
Telephone: 1-855-429-2661
Emergency phone number:
CHEMTREC 1-800-424-9300

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	Comment
-	3E®	-	+1-866-519-4752	Emergency number (24/7) Code : 333580

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral) Category 4 H302 Harmful if swallowed
Serious eye damage/eye irritation Category 1 H318 Causes serious eye damage
Reproductive toxicity Category 2 H361 Suspected of damaging the unborn child.
Combustible Dust May form combustible dust concentrations in air
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : May form combustible dust concentrations in air
H302 - Harmful if swallowed
H318 - Causes serious eye damage
H361 - Suspected of damaging the unborn child.

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.
P280 - Wear protective gloves, eye protection, face protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

YSA-SALICYLIC ACID PHARMA GRADE

YSA-SALICYLIC ACID PREMIUM GRADE

YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container to an approved waste disposal plant.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Slightly irritating to the skin. Divided solid. Dust explosion possible when mixed with air.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%	GHS US classification
Salicylic acid (Main constituent)	(CAS-No.) 69-72-7	≥ 99	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Repr. 2, H361 Comb. Dust

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Do not attempt to take action without suitable protective equipment.
First-aid measures after inhalation : Move the affected person to the fresh air.
First-aid measures after skin contact : Immediately remove contaminated clothing or footwear. Wash off with soap and plenty of water. If irritation persists, consult a doctor.
First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Consult an eye specialist immediately.
First-aid measures after ingestion : Do not induce vomiting. Give nothing to drink. If necessary seek medical advice.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting. Abdominal pain.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Foam. Powder.
Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

Fire hazard : Combustible.
Explosion hazard : Risk of dust explosion.
Hazardous combustion products : On combustion or on thermal decomposition (pyrolysis) releases : Toxic vapors Carbon oxides (CO, CO2) Phenol

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Do not allow run-off from fire-fighting to enter drains or water courses. Cool down the containers exposed to heat with a water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. Do not breathe dust. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

YSA-SALICYLIC ACID PHARMA GRADE

YSA-SALICYLIC ACID PREMIUM GRADE

YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.1.2. For emergency responders

Protective equipment : Concerning personal protective equipment to use, see item 8.

6.2. Environmental precautions

Stop leak if safe to do so. Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

For containment : Shovel into suitable and closed container for disposal.
Methods for cleaning up : Decontaminate and wash the floor with: Sodium hydroxide (2 - 5%). Wash off with plenty of water. Recover the cleaning water for subsequent disposal.
Other information : Avoid creating or spreading dust. Concerning disposal elimination after cleaning, see item 13.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see item 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ground the equipment. Handle under inert gas. Protect from moisture. Provide adequate ventilation. Avoid contact with skin and eyes. Do not expose pregnant or breastfeeding women.
Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : The floor of the depot should be impermeable and designed to form a water-tight basin.
Storage conditions : Store in a well-ventilated place. Protect from light. Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed. Protect from moisture.
Incompatible products : Alkalis and caustic products. Oxidizing materials.
Special rules on packaging : Store in original container.
Packaging materials : Recommended materials : Stainless steel. Plastic materials. Polyethylene. Polypropylene. Packing material to avoid. Some plastics. Steel.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Salicylic acid (69-72-7)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Extraction to remove dust at its source. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Environmental exposure controls : Do not allow uncontrolled discharge of product into the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable gloves. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. Breakthrough time : refer to the recommendations of the supplier

Eye protection:

Safety glasses with side shields

Skin and body protection:

Protective clothing

Respiratory protection:

breathing apparatus with filter. Handling product in bulk: Particle filter. (EN 143)

YSA-SALICYLIC ACID PHARMA GRADE

YSA-SALICYLIC ACID PREMIUM GRADE

YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Crystalline powder. Needles.
Color	: white
Odor	: odorless
Odor threshold	: No data available
pH	: 2.4 (2 % (m/v)) (Aqueous solution)
Melting point	: 157 – 160 °C
Freezing point	: No data available
Boiling point	: 256 °C (1013 hPa)
Flash point	: 157 °C (Closed cup)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: The product is not flammable. (Test N.1 Test method for readily combustible solids).
Vapor pressure	: 0.0002 hPa (25 °C)
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.44 g/cm ³ (20 °C)
Molecular mass	: 138.12 g/mol
Solubility	: Soluble in : Ether. Acetone. Ethanol. Chloroform. Water: 2 g/l (20 °C)
Partition coefficient n-octanol/water (Log Pow)	: ≈ 2
Auto-ignition temperature	: 549 °C
Decomposition temperature	: 230 °C (2 K/min)
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosion limits	: ≥ 30 g/m ³
Explosive properties	: Dust may form explosive mixture in air.
Oxidizing properties	: Non oxidizing material.

9.2. Other information

Minimum ignition energy	: 3 - 10 mJ (MIKE 3)
Sublimation point	: 76 °C
Bulk density	: 700 - 800 kg/m ³ (Tamped product) / 400 - 500 kg/m ³ (Non tamped product)
Other properties	: Dust explosion constant: 259 bar.m/s. Minimum ignition temperature: 340 °C.

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Risk of dust explosion.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Alkalis and caustic products. Oxidizing materials.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

YSA-SALICYLIC ACID PHARMA GRADE

YSA-SALICYLIC ACID PREMIUM GRADE

YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Salicylic acid (69-72-7)	
LD50 oral rat	891 mg/kg (male)
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 0.9 mg/l/1h (dust)

Skin corrosion/irritation	: Not classified pH: 2.4 (2 % (m/v)) (Aqueous solution)
Serious eye damage/irritation	: Causes serious eye damage. Extremely irritating to rabbits on ocular application pH: 2.4 (2 % (m/v)) (Aqueous solution)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging the unborn child.

Salicylic acid (69-72-7)	
Additional information	Reproductive toxicity : NOAEL, P, rat: 225 mg/kg bw/day NOAEL, F1, rat: 67.5 mg/kg bw/day NOAEL, F2, rat: 67.5 mg/kg bw/day (Results obtained on a similar product) Developmental toxicity : NOAEL, teratogenicity, rat: 50 mg/kg NOAEL, maternal toxicity, rat: 50 mg/kg

STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Salicylic acid (69-72-7)	
Additional information	NOAEL, oral, rat: 45.4 mg/kg (4 months, (Results obtained on a similar product)) NOAEL, oral, rat: 45.4 mg/kg (24 months, (Results obtained on a similar product))

Aspiration hazard	: Not classified
Viscosity, kinematic	: Not applicable
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Ingestion may cause nausea and vomiting. Abdominal pain.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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Salicylic acid (69-72-7)	
LC50 fish	1380 mg/l/96h (Pimephales promelas)
EC50 Daphnia	870 mg/l/48 h (Daphnia magna)
ErC50 (algae)	> 100 mg/l/72 h (Desmodesmus subspicatus)
NOEC chronic crustacea	10 mg/l/ 21 days (Daphnia magna)

12.2. Persistence and degradability

Salicylic acid (69-72-7)	
Persistence and degradability	Readily biodegradable. 100 % biodegradation (14 days).

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YSA-SALICYLIC ACID PREMIUM GRADE

YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.3. Bioaccumulative potential

Salicylic acid (69-72-7)

Partition coefficient n-octanol/water (Log Pow)

≈ 2

Bioaccumulative potential

Not potentially bioaccumulable.

12.4. Mobility in soil

Salicylic acid (69-72-7)

Ecology - soil

Mobility in soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods

: Dispose of in accordance with relevant local regulations. Incinerate at a licensed installation.

Additional information

: Completely empty the packaging prior to decontamination.

Ecology - waste materials

: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Salicylic acid (69-72-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Not subject to reporting requirements of the United States SARA Section 313

SARA Section 311/312 Hazard Classes

Health hazard - Acute toxicity (any route of exposure)

Health hazard - Serious eye damage or eye irritation

Physical hazard - Combustible dust

15.2. International regulations

CANADA

Salicylic acid (69-72-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

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YSA-SALICYLIC ACID PREMIUM GRADE

YSA-SALICYLIC ACID STANDARD GRADE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Salicylic acid (69-72-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Salicylic acid (69-72-7)

Listed on the AICS (Australian Inventory of Chemical Substances)

15.3. US State regulations

Salicylic acid (69-72-7)

U.S. - California - Proposition 65 - Other information

This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

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Revision date : 02/11/2020

Data sources : REACH registration.

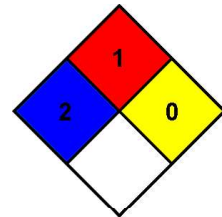
Full text of H-phrases:

H302	Harmful if swallowed
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child

NFPA health hazard : 2

NFPA fire hazard : 1

NFPA reactivity : 0



Hazard Rating

Health : 2

Flammability : 1

Physical : 0

Personal protection : E

E - Safety glasses, Gloves, Dust respirator

SEQENS - SDS US 2019

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.