

Trade name: Acid salicylicum

Substance number: 060360

Version: 6 / CH

Date revised: 27.05.2020

Replaces Version: 5 / CH

Print date: 27.05.20

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Acid salicylicum

Item No. 06036000

Registration no.

Registration no. 01-2119486984-17-0000

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/preparation**

industry, pharmacy, Cosmetics, Cleaning agent

1.3. Details of the supplier of the safety data sheet**Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification *****2.1. Classification of the substance or mixture****Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302

Eye Dam. 1 H318

Repr. 2 H361d

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements**Labelling according to regulation (EC) No 1272/2008****Hazard pictograms *******Signal word**

Danger

Hazard statements ***

H302

Harmful if swallowed.

H318

Causes serious eye damage.

H361d

Suspected of damaging the unborn child.

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Precautionary statements ***

P201	Obtain special instructions before use.
P264.1	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/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.
P310	Immediately call a POISON CENTER or doctor.
P501.3	Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Salicylic acid

SECTION 3: Composition/information on ingredients *****Molecular weight**

Value 138.12 g/mol

Hazardous ingredients *****Salicylic acid**

CAS No.	69-72-7	
EINECS no.	200-712-3	
Registration no.	01-2119486984-17-0000	
Concentration	>= 100	%
Classification (Regulation (EC) No. 1272/2008)		
	Acute Tox. 4	H302
	Eye Dam. 1	H318
	Repr. 2	H361d

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In any case show the physician the Safety Data Sheet. Adhere to personal protective measures when giving first aid. Remove contaminated clothing immediately and dispose of safely.

After inhalation

Remove the casualty into fresh air and keep him calm.

After skin contact

Wash off immediately with soap and water. Remove contaminated, soaked clothing immediately and dispose of safely. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Do NOT induce vomiting. Do not allow to drink liquids. Consult a physician if necessary.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, Dry powder, Water spray jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. Development of toxic gases

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5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid contact with eyes and skin. Do not inhale dust.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal. Dispose of absorbed material in accordance with the regulations. Rinse away rest with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dust formation. Dust deposits that cannot be avoided must be taken up regularly. Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust. Do not clean dust-covered objects and floors while dry but clean thoroughly with plenty of water.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Dust can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Do not use metal containers. Keep tightly closed in a dry and cool place.

Hints on storage assembly

Do not store with strong oxidizing agents.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	8	Caustic and corrosive substances

Further information on storage conditions

Protect from heat and direct sunlight. Protect from atmospheric moisture and water. Protect from light.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Derived No/Minimal Effect Levels (DNEL/DMEL)

Salicylic acid

Predicted No Effect Concentration (PNEC)

Salicylic acid

8.2. Exposure controls

Exposure controls

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See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Take off immediately all contaminated clothing. Wash hands before breaks and after work. Use barrier skin cream. Avoid contact with skin and eyes. Hold eye wash fountain available. At work do not eat, drink, smoke or take drugs. Do not inhale fumes. Do not breathe dust. Do not inhale mist.

Respiratory protection

Particle filter P2

Hand protection

Protective gloves

Appropriate Material

Butyl rubber

Material thickness

0.5 mm

Breakthrough time

appr. 8 h

Eye protection

Tightly fitting safety glasses

Body protection

Light protective clothing

SECTION 9: Physical and chemical properties ***

9.1. Information on basic physical and chemical properties

Form	Crystalline powder		
Colour	colourless to white		
Odour	odourless		
pH value			
Value	2.4		
Concentration/H ₂ O	20	g/l	
Temperature	20	°C	
Melting point			
Value	157	to	160 °C
Initial boiling point and boiling range			
Value	256	°C	
Pressure	1.013	hPa	
Flash point			
Value	157	°C	
Method	closed cup		
Flammability (solid, gas)	non flammable		
Vapour pressure			
Value	0.0002	hPa	
Temperature	25	°C	
Source	Safety Data Sheet Supplier		
Density			
Value	1.44	g/cm ³	
Temperature	20	°C	
Solubility in water			
Value	2	g/l	
Temperature	20	°C	

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Partition coefficient: n-octanol/water

Reference substance Salicylic acid

Ignition temperature

Value > 500 °C

Decomposition temperature

Value 230 °C

Efflux time

Remarks Not applicable

9.2. Other information**Bulk density**Value 500 kg/m³

Temperature 20 °C

Other information

The product is capable of dust explosions.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Heat. The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

10.5. Incompatible materials

Alkalies, Bases, oxidizing materials

10.6. Hazardous decomposition products

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information *****11.1. Information on toxicological effects****Acute oral toxicity**ATE 50 mg/kg
Method calculated value (Regulation (EC) No. 1272/2008)**Acute oral toxicity (Components)****Salicylic acid**Species rat
LD50 891 mg/kg**Salicylic acid**NOAEL 50 mg/kg
Remarks Possible risk of congenital malformation in the fetus.**Salicylic acid**Species rat
NOAEL 225 mg/kg

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Duration of exposure 1 d

Salicylic acid

Species	rat		
NOAEL	67.5		mg/kg
Duration of exposure	1	d	

Acute dermal toxicity (Components)**Salicylic acid**

Species	rat		
LD50	> 2000		mg/kg

Acute inhalative toxicity (Components)**Salicylic acid**

Species	rat		
LC50	> 0.9		mg/l
Duration of exposure	1	Days	

Skin corrosion/irritation (Components)**Salicylic acid**

evaluation	non-irritant
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Serious eye damage/irritation (Components)**Salicylic acid**

evaluation	irritant - risk of serious damage to eyes
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Sensitization (Components)**Salicylic acid**

evaluation	non-sensitizing
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Specific Target Organ Toxicity (STOT) (Components)**Salicylic acid****Repeated exposure**

NOAEL	45.4	mg/kg
Duration of exposure	4	Months
Remarks	Test conducted with a similar formulation.	

Salicylic acid

NOAEL	45.4	mg/kg
Duration of exposure	24	Months

Experience in practice

Irritating effect on the respiratory tract.

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****Salicylic acid**

Species	Fathead minnow (Pimephales promelas)		
LC50	1380		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)**Salicylic acid**

Species	Daphnia magna		
EC50	870		mg/l
Duration of exposure	48	h	

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Salicylic acid

Species	Daphnia magna	
NOEC	10	mg/l
Duration of exposure	21	d

Algae toxicity (Components)**Salicylic acid**

Species	Desmodesmus subspicatus	
ErC50	> 100	mg/l
Duration of exposure	72	h

12.2. Persistence and degradability**Biodegradability (Components)****Salicylic acid**

Value	100	%
Duration of test evaluation	14	d
	Readily biodegradable	

12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

Reference substance Salicylic acid

Octanol/water partition coefficient (log Pow) (Components)**Salicylic acid**

log Pow appr. 2

12.4. Mobility in soil**Mobility in soil (Components)****Salicylic acid**

Mobile in soils

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential (Components)****Salicylic acid**

The Substance doesn't meet PBT/vPvB-criteria

12.6. Other adverse effects**General information / ecology**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste incineration plant.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H361d Suspected of damaging the unborn child.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4
Eye Dam. 1 Serious eye damage, Category 1
Repr. 2 Reproductive toxicity, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.