

Trade name: Natrii salicylas

Substance number: 066522

Version: 5 / CH

Date revised: 28.04.2020

Replaces Version: 4 / CH

Print date: 28.04.20

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Natrii salicylas

Item No. 06652200

### **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 Irrit. 2	H319
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**

Warning

##### **Hazard statements \*\*\***

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H361d	Suspected of damaging the unborn child.

##### **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.

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P308+P313  
P501.3IF expoed or concerned: Get medicinal advice/attention.  
Disposal in compliance with local and national regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**  
contains \*\*\* sodium salicylate

### **SECTION 3: Composition/information on ingredients \*\*\***

#### **Chemical characterization**

Natrii salicylas

#### **Hazardous ingredients \*\*\***

##### **sodium salicylate**

CAS No. 54-21-7

EINECS no. 200-198-0

Registration no. 01-2119918289-28

Concentration  $\geq$  50 %

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

Acute Tox. 4 H302

Eye Irrit. 2 H319

Repr. 2 H361d

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

##### **After inhalation**

Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Take medical treatment.

##### **After skin contact**

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

##### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. Eye doctor.

##### **After ingestion**

Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Summon a doctor immediately.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Dry powder, Alcohol-resistant foam, Carbon dioxide, Water

##### **Non suitable extinguishing media**

not applicable

#### **5.2. Special hazards arising from the substance or mixture**

If a fire breaks out nearby evolution of dangerous gases possible. Carbon monoxide (CO)

#### **5.3. Advice for firefighters**

##### **Special protective equipment for fire-fighting**

No special measures required.

### **SECTION 6: Accidental release measures**

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**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away unprotected persons. Do not inhale dust. Avoid contact with eyes and skin. Wear protective equipment

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Advise water authority if spillage has entered water course or drainage system.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically and collect in suitable container for disposal. Rinse away rest with plenty of water.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid the formation and deposition of dust. Do not inhale dust. Avoid contact with skin and eyes. Wear protective equipment. Smoking, eating and drinking should be prohibited in application area. Keep away from heat and sources of ignition.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep only in original packaging. Keep tightly closed in a dry and cool place. Unsuitable material: Do not use metal containers and metal pinings. Keep tightly closed in a dry and cool place.

**Hints on storage assembly**

Do not store with oxidizing agents.

**Storage classes**

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with hazardous classification/labelling

**Further information on storage conditions**

None.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****Exposure controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work.

**Respiratory protection**

necessary; Particle filter P2

**Hand protection**

necessary  
Appropriate Material                      nitrile

**Eye protection**

Safety glasses with side protection shield

**Body protection**

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Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties \*\*\*****9.1. Information on basic physical and chemical properties**

<b>Form</b>	crystalline		
<b>Colour</b>	colourless to white		
<b>Odour</b>	odourless		
<b>Melting point</b>			
Value	>	300	°C
<b>Initial boiling point and boiling range</b>			
Remarks	not determined		
<b>Flash point</b>			
Value	°C		
Remarks	Not applicable		
<b>Solubility in water</b>			
Value	1		g/ml

**9.2. Other information****Other information**

The product is not dangerous for explosions.

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

Oxidising agents

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Protect from light and atmospheric moisture.

**10.5. Incompatible materials**

Oxidising agents, Compounds of iron (III), lead, Silvercompounds, Iodine

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity****Natrii salicylas**

ATE	500	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Acute oral toxicity (Components)****sodium salicylate**

Species	rat	
LD50	500	mg/kg

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Method OECD 423

**Acute dermal toxicity (Components)****sodium salicylate**

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 402	

**Skin corrosion/irritation****Natrii salicylas**

Remarks Irritating effects on the skin and mucous membrane.

**Serious eye damage/irritation****Natrii salicylas**

Remarks Irritates the eyes.

**Sensitization****Natrii salicylas**

Remarks No sensitisation effect known.

**Sensitization (Components)****sodium salicylate**

Species evaluation	Human non-sensitizing
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**Mutagenicity (Components)****sodium salicylate**

evaluation No mutagenicity according to various in vitro tests.

**sodium salicylate**

Route of exposure	oral
Species	mouse
evaluation	Not considered mutagenic based on several in vitro and in vivo studies.

**Reproduction toxicity (Components)****sodium salicylate**

evaluation	Suspected of damaging fertility or the unborn child.
Remarks	Indications of toxic effects are available from reproduction studies in animals.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity (Components)****sodium salicylate**

Species	zebra fish (Brachydanio rerio)	
LC50	> 100	mg/l
Duration of exposure	96	h
Method	OECD 203	

**Daphnia toxicity (Components)****sodium salicylate**

Species	Daphnia magna	
EC10	304	mg/l
Duration of exposure	24	h
Method	OECD 202	

**Algae toxicity (Components)**

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**sodium salicylate**

Species	Chlorella vulgaris		
EC50	48.29		mg/l
Duration of exposure	72	h	
Method	OECD 201		

**Bacteria toxicity (Components)****sodium salicylate**

Species	activated sludge		
EC50	> 1000		mg/l
Duration of exposure	3	h	
Method	OECD 209		

**12.2. Persistence and degradability****Biodegradability (Components)****sodium salicylate**

Value	100		%
Duration of test evaluation	70	h	
	Readily biodegradable		

**12.3. Bioaccumulative potential****General information**

No data available

**12.4. Mobility in soil****General information**

No data available

**12.5. Results of PBT and vPvB assessment****General information**

No data available

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

Do not allow it to reach ground water, water bodies or sewage system.

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

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
<b>14.1. UN number</b>	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.

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**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.
H319	Causes serious eye irritation.
H361d	Suspected of damaging the unborn child.

**CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Eye Irrit. 2	Eye irritation, Category 2
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.