

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

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

1.1. Product identifier

Natrii salicylas

Item No. 06652000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Chemical for synthesis

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 H361fd

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.

H361fd

Suspected of damaging fertility. Suspected of damaging the unborn child.

Precautionary statements ***

P201

Obtain special instructions before use.

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

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

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

contains sodium salicylate

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

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

Value	160.10	g/mol
-------	--------	-------

Hazardous ingredients**sodium salicylate**

CAS No.	54-21-7		
EINECS no.	200-198-0		
Registration no.	01-2119918289-28		
Concentration	>= 50		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4		H302
	Eye Irrit. 2		H319
	Repr. 2		H361

ATE	oral	500	mg/kg
-----	------	-----	-------

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

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

After ingestion

Take medical treatment. Let plenty of water be drunk in small gulps.

4.2. Most important symptoms and effects, both acute and delayed

Coughing, Shortness of breath, Dizziness, Abdominal pains, Fever, Excitement, Diarrhoea, Nausea, Vomiting, Headache, Convulsions, Disturbance of vision

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

Water spray jet, Carbon dioxide, Foam, Dry powder

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby evolution of dangerous gases possible. Carbon monoxide (CO); Carbon dioxide (CO₂); Metal oxides

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Suppress vapours with water spray jet. Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Do not inhale dust. Avoid contact with eyes and skin. Ensure supply of fresh air. Keep away unprotected persons.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

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

Provide exhaust ventilation if dust is formed.

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 container tightly closed and dry.

Hints on storage assembly

Not required.

Storage classes

Storage class according to TRGS 510

13

Non- combustible solids

Storage category (Switzerland)

11/13

Other solid hazardous substances with classification/labelling hazardous

Further information on storage conditions

None.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work. Preventative skin protection. Remove contaminated, soaked clothing immediately and dispose of safely.

Respiratory protection

Breathing apparatus in the event of aerosol. At intensive and longer exposition use self-contained

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

breathing apparatus. Particle filter P3

Hand protection

Protective gloves			
Appropriate Material		nitrile rubber - NBR	
Material thickness	>=	0.35	mm
Breakthrough time	>=	8	h
Appropriate Material		Fluoro carbon rubber - FKM	
Material thickness	>=	0.4	mm
Breakthrough time	>=	8	h
Appropriate Material		Butyl rubber - Butyl	
Material thickness	>=	0.5	mm
Breakthrough time	>=	8	h

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

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

Physical state	Solid substance		
Colour	white		
Odour	odourless		
Physical state	crystals		
Melting point			
Value	>	300	°C
Boiling point or initial boiling point and boiling range			
Remarks	not determined		
Upper and lower explosive limits			
Remarks	No data available		
Flash point			
Value			°C
Remarks	Not applicable		
Ignition temperature			
Value	>	250	°C
pH value			
Value	5	to	6
Concentration/H ₂ O	100	g/l	
Partition coefficient n-octanol/water (log value)			
log Pow	-1.259		

9.2. Other information**Solubility in water**

Value	1000		g/l
Temperature	20	°C	

Bulk density

Value	350	kg/m ³
-------	-----	-------------------

Other information

The product is not dangerous for explosions.

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

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

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Iodine, Acids, Bases, Strong oxidising agents, Silvercompounds, lead

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

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

Acute oral toxicity (Components)

sodium salicylate

Species	rat	
LD50	500	mg/kg
Method	OECD 423	

Acute dermal toxicity (Components)

sodium salicylate

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 402	

Skin corrosion/irritation (Components)

sodium salicylate

Species	rabbit
evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation (Components)

sodium salicylate

Species	rabbit
evaluation	strongly irritant
Method	OECD 405

Sensitization (Components)

sodium salicylate

Species	Human
evaluation	non-sensitizing

Mutagenicity (Components)

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

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.

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

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 201

Algae toxicity (Components)**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

70 h

evaluation

Readily biodegradable

12.3. Bioaccumulative potential

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Date revised: 20.02.2023

Replaces Version: 6 / CH

Print date: 20.02.23

Partition coefficient n-octanol/water (log value)

log Pow -1.259

12.4. Mobility in soil**General information**

No data available

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

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. 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
14.1. UN number	The product does not constitute a hazardous substance in land transport.	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 not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

Trade name: Natrii salicylas

Substance number: 066520

Version: 7 / CH

Replaces Version: 6 / CH

Date revised: 20.02.2023

Print date: 20.02.23

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H361fd	Suspected of damaging fertility. 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.