

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

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

### **1.1. Product identifier**

Acid acetylsalicylicum

Item No. 06004800

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

#### **Use of the substance/preparation**

Manufacture of pharmaceutical products, Active pharmaceutical substance

### **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

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.

##### **Precautionary statements**

P264.1	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P330	Rinse mouth.
P501.3	Disposal in compliance with local and national regulations.

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

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

contains Acetylsalicylic acid

**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	180.2	g/mol
-------	-------	-------

**Hazardous ingredients****Acetylsalicylic acid**

CAS No.	50-78-2		
EINECS no.	200-064-1		
Concentration	>= 50		%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 4	H302	
ATE	oral	950	mg/kg

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

Remove contaminated, soaked clothing immediately and dispose of safely. Keep under medical supervision for at least 48 hours.

**After inhalation**

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

**After skin contact**

Wash off immediately with soap and water.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. By continuous complaints consult a physician.

**After ingestion**

Induce vomiting, seek medical advice.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically

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

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

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

If a fire breaks out nearby evolution of dangerous gases possible. In the event of fire the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

**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. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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

Avoid dust formation. Keep people away and stay on the upwind side. Ensure adequate ventilation. Use personal protective clothing.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Pick up mechanically. Pick up rest with weakly alkaline solution.

**6.4. Reference to other sections**

Information regarding waste disposal, see Section 13.

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

Provide good ventilation of working area (local exhaust ventilation if necessary).

**Advice on protection against fire and explosion**

The product is capable of dust explosions. Take action to prevent static discharges.

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

Use stainless steel containers. Do not use steel containers. Do not use aluminium containers. Use containers made of Polyethylene.

**Hints on storage assembly**

Do not store with acids. Do not store together with: Alkalies, Keep away from water.

**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**

Keep in a cool place. Keep containers tightly closed in a dry, cool and well-ventilated place.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limit values****Acetylsalicylic acid**

List	SUVA	
Type	MAK	
Value	5	mg/m <sup>3</sup>
Remarks: Haut & Auge, BlutKT HU		

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

## 8.2. Exposure controls

### General protective and hygiene measures

Do not breathe dust. Wash hands and face before breaks and after work. Avoid contact with skin and eyes. Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely.

### Respiratory protection

Breathing apparatus in the event of aerosol. In case of insufficient ventilation, wear suitable respiratory equipment. Particle filter P3

### Hand protection

Rubber gloves

### Eye protection

Tightly fitting safety glasses

### Body protection

Protective clothing

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Crystalline powder		
<b>Colour</b>	white		
<b>Odour</b>	almost odourless		
<b>Melting point</b>			
Value	appr. 143		°C
<b>Boiling point or initial boiling point and boiling range</b>			
Remarks	No data available		
<b>Flash point</b>			
Value	250		°C
<b>pH value</b>			
Value	3.5		
Concentration/H <sub>2</sub> O	2.5	g/l	
<b>Solubility(ies)</b>			
Ethanol			
Remarks	easily soluble		
<b>Vapour pressure</b>			
Value	0.00002		mmHg
	52		

### 9.2. Other information

#### Solubility in water

Remarks slightly soluble

## 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

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

Possible incompatibility with materials listed under section 10.5. No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

Sensitive to moisture.

**10.5. Incompatible materials**

Reactions with oxidising agents. Bases, Acids

**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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	950	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Acute oral toxicity (Components)****Acetylsalicylic acid**

Species	rat	
LD50	950	mg/kg
Source	RTECS	
Source	VO0700000	

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

Species	rabbit
evaluation	slightly irritant

**Acetylsalicylic acid**

Species	Human
evaluation	irritant

**Serious eye damage/irritation (Components)****Acetylsalicylic acid**

Species	rabbit
evaluation	slightly irritant

**Acetylsalicylic acid**

Species	Human
evaluation	irritant

**Reproduction toxicity (Components)****Acetylsalicylic acid**

evaluation	Suspected of damaging the unborn child.
------------	---

**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****General information**

No data available

**Fish toxicity (Components)**

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

**Acetylsalicylic acid**

Species	golden orfe (Leuciscus idus)	
LC50	> 1000	mg/l
Duration of exposure	48 h	

**Daphnia toxicity (Components)****Acetylsalicylic acid**

Species	Daphnia magna	
EC50	1293	mg/l
Duration of exposure	48 h	

**Algae toxicity (Components)****Acetylsalicylic acid**

Species	Desmodesmus subspicatus	
EC50	106.7	mg/l
Duration of exposure	72 h	

**Bacteria toxicity (Components)****Acetylsalicylic acid**

EC50	360	mg/l
Duration of exposure	1 h	

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

Value	98	%
-------	----	---

**12.3. Bioaccumulative potential****Octanol/water partition coefficient (log Pow) (Components)****Acetylsalicylic acid**

log Pow	1.19
---------	------

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

No data available

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

No data available

**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**

No data available

**General information / ecology**

Do not discharge product unmonitored into the environment.

Trade name: Acid acetylsalicylicum

Substance number: 060048

Version: 4 / CH

Date revised: 29.02.2024

Replaces Version: 3 / CH

Print date: 29.02.24

## **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**

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed off as product waste.

## **SECTION 14: Transport information**

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

H302      Harmful if swallowed.

#### **CLP categories listed in Chapter 3**

Acute Tox. 4      Acute toxicity, Category 4

#### **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.