

Trade name: Acid ascorbicum

Substance number: 060090

Version: 2 / CH

Date revised: 17.12.2018

Replaces Version: 1 / CH

Print date: 14.01.20

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

### **1.1. Product identifier**

Acid ascorbicum

Item No. 06009000

### **Substance / product identification**

CAS-No. 50-81-7

EINECS-No. 200-066-2

INCI Ascorbic Acid

### **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**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

The product does not require a hazard warning label in accordance with Directive 67/548/EC

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

### **Other information**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

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

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

#### **General information**

In case of persistent symptoms consult doctor. Remove contaminated, soaked clothing immediately and dispose of safely.

#### **After inhalation**

Remove affected person from danger area. Ensure supply of fresh air.

#### **After skin contact**

Wash off immediately with soap and water.

#### **After eye contact**

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Separate eyelids, wash the eyes thoroughly with water (15 min.).

**After ingestion**

Seek medical advice immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

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

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

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

Development of toxic gases

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

Use self-contained breathing apparatus.

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

Refer to protective measures listed in Sections 7 and 8. Ensure adequate ventilation. Avoid dust formation. Keep away sources of ignition.

**6.2. Environmental precautions**

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

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

Pick up mechanically. When picked up, treat material as prescribed under Section 13 "Disposal".

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

No special measures necessary if used correctly. Avoid the formation and deposition of dust. Provide good ventilation of working area (local exhaust ventilation if necessary).

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

Store product in closed containers. Use glass containers. Unsuitable material: Do not use aluminium containers. Do not use metal containers and metal pinings.

**Hints on storage assembly**

Do not store together with animal feedstocks.

**Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from atmospheric moisture and water. Protect from light. Protect from exposure to air/oxygen.

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

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

**Hand protection**

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Protective gloves			
Appropriate Material	nitrile		
Material thickness	0.3	mm	
Breakthrough time	> 480	min	
Protective gloves			
Appropriate Material	rubber		
Material thickness	0.5	mm	
Breakthrough time	240	min	

**Eye protection**

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**

<b>Form</b>	solid
<b>Colour</b>	white
<b>Odour</b>	characteristic

**pH value**

Value	3.0	
Concentration/H <sub>2</sub> O	5	g/l
Temperature	20	°C

**Melting point**

Value	191	°C
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**Initial boiling point and boiling range**

Value	°C
Remarks	Not applicable

**Flash point**

Value	°C
Remarks	Not applicable

**Density**

Value	1.65	g/cm <sup>3</sup>
Temperature	20	°C

**Solubility in water**

Value	333	g/l
Temperature	20	°C

**Ignition temperature**

Value	380	°C
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**Decomposition temperature**

Remarks	No decomposition if used as prescribed.
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**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**

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No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

Oxidising agents

**10.6. Hazardous decomposition products**

None known

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

Species	rat		
LD50		11900	mg/kg

**Skin corrosion/irritation**

evaluation	slightly irritant
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**Serious eye damage/irritation**

evaluation	slightly irritant
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**Sensitization**

Remarks	No sensitisation effect known.
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**SECTION 12: Ecological information****12.2. Persistence and degradability****Biodegradability**

evaluation	Readily biodegradable
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**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

**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**

## **SECTION 16: Other information**

### **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.