

Trade name: Cysteini hydrochloridum monohydr

Substance number: 063199

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 04.10.19

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

### **1.1. Product identifier**

Cysteini hydrochloridum monohydr

Item No. 06319900

#### **Substance / product identification**

CAS-No. 7048-04-6

EINECS-No. 200-157-7

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

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

Manufacture of pharmaceutical products, analytics

### **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**

No special hazards have to be mentioned.

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

#### **Molecular weight**

Value 175.64 g/mol

#### **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**

#### **After inhalation**

Ensure supply of fresh air.

#### **After skin contact**

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After contact with skin, wash immediately with plenty of water. Remove contaminated, soaked clothing immediately and dispose of safely.

**After eye contact**

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

**After ingestion**

Drink water in small gulps. In the event of symptoms take medical treatment.

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

Water, Carbon dioxide, Foam, Dry powder

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

The product is combustible. In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: Hydrogen chloride (HCl); Sulphur oxides; Nitrogen oxides (NOx)

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

Use self-contained breathing apparatus. Wear protective clothing.

**Other information**

Suppress vapours with water spray jet. Do not discharge into surface waters/groundwater.

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

Avoid dust formation. Do not inhale dust.

**6.2. Environmental precautions**

Do not empty into drains.

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

To pick up dry. Send in suitable containers for recovery or disposal. Clean up affected area.

**SECTION 7: Handling and storage****7.2. Conditions for safe storage, including any incompatibilities****Further information on storage conditions**

Do not store at temperatures below 5 °C. Keep at temperature not exceeding 30 °C. Keep container tightly closed. Protect from light.

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

Wash contaminated clothing before reuse. Wash hands before breaks and after work.

**Respiratory protection**

necessary; Short term: filter apparatus, Filter P1

**Hand protection**

Gloves

Appropriate Material nitrile rubber - NBR

Material thickness 0.11 mm

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Breakthrough time &gt; 480 min

**Eye protection**

necessary

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

**Form** solid  
**Colour** white  
**Odour** weakly pungent

**pH value**

Value	0.8	to	1.2
Concentration/H <sub>2</sub> O	100	g/l	
Temperature	20	°C	

**Melting point**

Value	168	to	170	°C
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**Initial boiling point and boiling range**

Remarks	No data available
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**Flash point**

Remarks	No data available
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**Upper/lower flammability or explosive limits**

Remarks	No data available
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**Density**

Remarks	No data available
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**Solubility in water**

Value	650		g/l
Temperature	20	°C	

**Ignition temperature**

Remarks	No data available
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**9.2. Other information****Bulk density**

Value	appr. 780	kg/m <sup>3</sup>
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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**

No decomposition if stored and applied as directed.

**10.4. Conditions to avoid**

Heat

**10.5. Incompatible materials**

Violent reaction under influence of oxidising agents.

**10.6. Hazardous decomposition products**

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None known

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

Remarks Quantitative data concerning toxicity are not available.

**Other information**Observe the usual precautions for handling chemicals.  
By appropriate use of the product no health damage is known.**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**

Remarks Quantitative data concerning the ecological effect are not available.

**12.2. Persistence and degradability****Biodegradability**

Remarks The product is biodegradable.

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

The product contains no PBT or vPvB substances.

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

Do not allow it to reach soil, 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.

**SECTION 14: Transport information**

	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 WGK 1  
(Germany)

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## **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.