

Trade name: Kalii chloridum

Substance number: 064496

Version: 3 / CH

Date revised: 01.04.2019

Replaces Version: 2 / CH

Print date: 04.10.19

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

1.1. Product identifier

Kalii chloridum

Item No. 06449600

Substance / product identification

CAS-No. 7447-40-7

EINECS-No. 231-211-8

INCI Kaliumchlorid

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

Chemical characterization

Single substance

Molecular weight

Value 74.55 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

General information

Take off contaminated clothing and shoes immediately.

After inhalation

Ensure supply of fresh air.

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After skin contact

After contact with skin, wash immediately with plenty of water.

After eye contact

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

After ingestion

Let plenty of water be drunk in small gulps. Consult a physician if necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

The product is not combustible. If a fire breaks out nearby evolution of dangerous gases possible. In the event of fire the following can be released: Hydrogen chloride (HCl)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Use personal 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 discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

For tall amounts: Take up mechanically and collect in suitable container for disposal.

SECTION 7: Handling and storage

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Avoid contact with skin.
General industrial hygiene practice. Wash hands and face after work.

Respiratory protection

Use breathing apparatus in dust/fumes/mist-laden atmosphere.

Hand protection

Gloves

Eye protection

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Safety glasses with side protection shield

Body protection

protective overalls

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

Form	solid		
Colour	white		
Odour	odourless		
pH value			
Value	5.5	to	8.0
Concentration/H ₂ O	50	g/l	
Temperature	25	°C	
Melting point			
Value	773		°C
Initial boiling point and boiling range			
Value	1413		°C
Vapour pressure			
Value	1013		hPa
Density			
Value	1.98		g/cm ³
Temperature	20	°C	
Solubility in water			
Value	347		g/l
Temperature	20	°C	

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

No hazardous reactions known.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

None known

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

Species	rat		
LD50	2600		mg/kg

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Serious eye damage/irritation

Remarks slightly irritating (Eye)

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Species	Gambusia affinis	
LC50	920	mg/l
Duration of exposure	96	h

Daphnia toxicity

Species	Daphnia magna	
EC50	825	mg/l
Duration of exposure	48	h

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**

Ecological injuries are not known or expected under normal use.

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

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID
14.1. UN number	Non-dangerous goods

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
Identification number	230
Remarks	Classification according to VwVwS

SECTION 16: Other information**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

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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.