

Trade name: Kalii carbonas

Substance number: 064488

Version: 3 / CH

Date revised: 07.01.2019

Replaces Version: 2 / CH

Print date: 16.01.19

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Kalii carbonas

Item No. 06448800

**1.3. Details of the supplier of the safety data sheet****Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9101 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)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

**2.2. Label elements****Labelling according to regulation (EC) No 1272/2008****Hazard pictograms****Signal word**

Warning

**Hazard statements**

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

**Precautionary statements**

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

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

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

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

#### **General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

#### **After inhalation**

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

#### **After skin contact**

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

#### **After eye contact**

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

#### **After ingestion**

Rinse out mouth and give plenty of water to drink. By continuous complaints consult a physician.

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

Coughing, Irritating to respiratory system. Irritation of mucosa

## **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**

Carbon monoxide (CO)

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

No special measures required.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation.

### **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. When picked up, treat material as prescribed under Section 13 "Disposal". Clean up affected area. Flush away residues with hot water.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid dust formation.

#### **Advice on protection against fire and explosion**

The product is not combustible.

### **7.2. Conditions for safe storage, including any incompatibilities**

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**Requirements for storage rooms and vessels**

Do not use light metal drums.

**Hints on storage assembly**

Do not store with acids.

**Further information on storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Product is hygroscopic. Protect from atmospheric moisture and water.

**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. At work do not eat, drink, smoke or take drugs. Avoid contact with skin and eyes. Hold eye wash fountain available. Do not inhale dust/fumes/aerosols.

**Respiratory protection**

Breathing apparatus in the event of aerosol, mist or fume formation. Particle filter P2

**Hand protection**

Protective gloves			
Appropriate Material	Natural Latex		
Material thickness	0.5	mm	
Breakthrough time	> 8	h	
Protective gloves			
Appropriate Material	Polychloroprene		
Material thickness	0.5	mm	
Breakthrough time	> 8	h	
Protective gloves			
Appropriate Material	nitrile		
Material thickness	0.35	mm	
Breakthrough time	> 8	h	
Protective gloves			
Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.5	mm	
Breakthrough time	> 8	h	
Protective gloves			
Appropriate Material	PVC		
Material thickness	0.4	mm	
Breakthrough time	> 8	h	
Protective gloves			
Appropriate Material	Fluoro carbon rubber - FKM		
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**

Form	solid
Colour	white

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**Odour**

odourless

**pH value**

Value	11.5	to	12.5
Concentration/H <sub>2</sub> O	50	g/l	
Temperature	20	°C	

**Melting point**

Value	891	°C
Method	DIN 51761	

**Initial boiling point and boiling range**

Remarks not determined

**Flash point**

Value	°C
Remarks	Not applicable

**Flammability (solid, gas)**

Not ignitable

**Density**

Value	2.428	g/cm <sup>3</sup>
Temperature	20	°C

**Solubility in water**

Value	1120	g/l
Temperature	20	°C

**9.2. Other information****Bulk density**

Value	500	to	1000	kg/m <sup>3</sup>
Temperature	20	°C		

**Other information**

The product is not dangerous for explosions.

**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**10.5. Incompatible materials**

Acids, Reactions with light metals. Reactions with strong acids.

**10.6. Hazardous decomposition products**

Carbon dioxide

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

Species	rat	
LD50	1870	mg/kg

**Skin corrosion/irritation**

Remarks	Irritating to skin.
Remarks	Irritates the mucous membrane.

**Sensitization**

Remarks No sensitisation effect known.

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

LC50	200	mg/l
Duration of exposure	72	h

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

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Harmful to aquatic organisms.

**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	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****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.