



Trade name: Kalii hydrogenocarbonas

Substance number: 064704

Version: 1 / CH

Date revised: 22.03.12

Replaces Version: - / CH

Date of printing: 22.03.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Kalii hydrogenocarbonas

Item-No. 06470400

1.3. Details of the supplier of the safety data sheet

Address

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

2. Hazards identification

2.2. Label elements

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product does not require a hazard warning label in accordance with EC Directives.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 298-14-6

EINECS-Nr. 206-059-0

Molecular weight

Value 100.12 g/mol

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. Breathing with the help of a ventilator bag or ventilator. If necessary, give oxygen. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

After ingestion

Let plenty of water be drunk in small gulps. By continuous complaints consult a physician.



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5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Foam, Carbon dioxide, Dry chemical extinguisher

5.2. Special hazards arising from the substance or mixture

The product is not combustible.

5.3. Advice for firefighters

Other information

Do not discharge into surface waters/groundwater.

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 allow to enter drains.

6.3. Methods and material for containment and cleaning up

Dampen, pick up mechanically and dispose of. Clean up affected area.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dust formation.

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

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

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; Breathing apparatus in the event of aerosol.

Hand protection

Gloves

Appropriate Material	nitrile rubber - NBR
Material thickness	0.4 mm
Penetrating time	> 480 min

Eye protection

Safety glasses

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties



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Form	Crystalline powder			
Colour	white			
Odour	odourless			
pH				
Value	8.4	to	8.6	
Concentration/H ₂ O	99	g/l		
Temperature	20	°C		
Melting point				
Value	> 100			°C
Boiling point				
Remarks	Not applicable			
Flash point				
Remarks	Not applicable			
Density				
Value	2.17			g/cm ³
Temperature	20	°C		
Solubility in water				
Value	362			g/l
Temperature	25	°C		
Ignition temperature				
Remarks	Not applicable			
Thermal decomposition				
Value	appr. 127			°C
9.2. Other information				
Bulk density				
Value	1000	to	1100	kg/m ³

10. Stability and reactivity

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

Thermal decomposition

Value appr. 127 °C

10.5. Incompatible materials

Reacts violently with: strong acids

10.6. Hazardous decomposition products

No data available.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species rat
LD50 > 2000 mg/kg
method OECD 401

Acute dermal toxicity

Species rabbit



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LD50	>	2000	mg/kg
method		OECD 402	

Acute inhalational toxicity

Species	rat		
LC50	>	4.88	mg/l
Duration of exposure		4.5	h
method		OECD 403	

Skin corrosion/irritation

Species	rabbit		
Duration of exposure		24	h
valuation	non-irritant		

Serious eye damage/irritation

Species	rabbit		
Duration of exposure		72	
valuation	non-irritant		
method	Draize method		

Sensitization

Remarks	No sensitisation effect known.		
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Mutagenicity

Remarks	negative		
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Reproduction toxicity

valuation	On grounds of results of experiments on test animals, a probable risk of damage to the embryo must be assumed.		
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Other information

Observe the usual precautions for handling chemicals.

12. Ecological information**12.2. Persistence and degradability****Biodegradability**

Remarks	Not applicable.		
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12.6. Other adverse effects**General information / ecology**

Ecological injuries are not known or expected under normal use.

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

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee



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The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Ger.)**

Water Hazard Class (Ger.) WGK 1

Remarks Classification according to Annex 3 VwVwS

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.