


<p>Page 1 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Kaliumcarbonat</p>	 <p>Revision Date 26.11.2018</p>
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1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 2314**

· **Product name:**

Kaliumcarbonat

Kalii carbonas

Potassium carbonate

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

· **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

· **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

· **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

· **GHS-Labeling Elements:**



· **Signal word:** Warning

· **H-Phrases:**

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation


· **P-Phrases:**

P280 Wear protective gloves/protective clothing/eye protection/face protection

Skin Irrit. 2

Eye Irrit. 2

STOT SE 3

<p>Page 2 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Kaliumcarbonat</p>	 <p>Revision Date 26.11.2018</p>
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3 Composition / information on ingredients

- **Chemical characterization:**
- CAS-No. Substance name**
584-08-7 Potassium carbonate
- **EINECS-No.:** 209-529-3
- **REACH Reg. No.:** 01-2119532646-36-0000
- **INCI-Name:** Potassium Carbonate

4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately. Show product-label or this MSDS.
- **After skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open , seek medical advice, even if no immediate symptoms are observed.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

5 Fire-fighting measures


- **Suitable extinguishing media:** Not combustible. All regular extinguishing media can be used. Select fire fighting measures suitable to environment
- **Additional information:** Not combustible.

6 Accidental release measures:

- **Personal protective measures:** Avoid contact with substance.
- **Environmental protective measures:** Prevent from entering into surface water, the ground water system or soil.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:**
- **Advice on safe handling:** Avoid dust formation.
- **Storage:**
- **Requirements for storage areas and containers:**
Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
Good ventilated Do not use aluminium containers!

<p>Page 3 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Kaliumcarbonat</p>	 <p>Revision Date 26.11.2018</p>
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8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or rubber
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 891 °C
- **Density:** (20 °C) 2,43 g/cm³
- **Bulk density:** ca. 750 kg/m³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 1120 g/l
- **pH-range:** (50 g/l, 20 °C) 11,5 - 12,5

10 Stability and reactivity

- **Materials to avoid:** Acids.
- **Hazardous decomposition products:** none

11 Toxicological information


- **Acute toxicity:**
LD50 oral, rat: >2000 mg/kg
Not classified as harmful
- **Primary irritant effect:**
- **on skin:** Strong irritations.
- **on eyes:** Strong irritations.
- **on respiratory organs:** Irritant.
- **after swallowing:** Irritations.

12 Ecological information

- **Ecotoxical effects:**
Aquatic toxicity: Biological effects: Damages caused by pH-shift
- **General advices:** Prevent from entering sewage water or drainage ditch undiluted or unneutralized.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal as pharmaceutical waste.

Page 4 of 4 Print Date 26.11.2018	Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Kaliumcarbonat	 Revision Date 26.11.2018
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- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**
The product is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H-Phrases:**
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
- **P-Phrases:**
P280 Wear protective gloves/protective clothing/eye protection/face protection
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 13

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

- **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.