


Page 1 of 4  Print Date 27.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Kaliumnatriumtartrat-Tetrahydrat cryst.	 Revision Date 27.11.2018
--	---	---

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

• **Informations to product No. 2668**

• **Product name:**

**Kaliumnatriumtartrat-Tetrahydrat cryst.**  
 Tartarus natronatus, Kalii natrii tartras tetrahydricus

• **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

• **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

**CAS-No. Substance name**

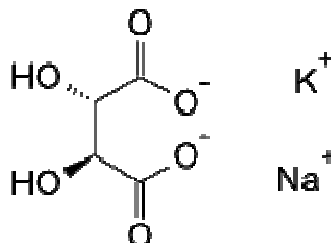
6381-59-5 Potassium sodium tartrate tetrahydrate

• **EINECS-No.:** 613-385-0

• **REACH Reg. No.:** (pre-registered)


• **INCI-Name:** -

• **Chemical characterization:**



## 4 First aid measures

• **after eye contact:** Rinse out with plenty of water with the eyelid wide open.

<p>Page 2 of 4</p> <p>Print Date 27.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Kaliumnatriumtartrat-Tetrahydrat cryst.</p>	 <p>Revision Date 27.11.2018</p>
---	--	---

- **after swallowing:** (big quantities): If feeling unwell seek medical advice.

## 5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

## 6 Accidental release measures

- **Personal protective measures:** Avoid dust formation.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

## 7 Handling and storage


- **Handling:** No special requirements.
- **Storage:**
- **Requirements for storage areas and containers:**  
Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).

## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**  
The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 70 - 80 °C
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** Bulk density: ca.1000 kg/m<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 630 g/l
- **pH-range:** (50 g/l, 20 °C) 7,0 - 8,5

<p>Page 3 of 4</p> <p>Print Date 27.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Kaliumnatriumtartrat-Tetrahydrat cryst.</p>	 <p>Revision Date 27.11.2018</p>
---	--	---

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**

Melting in crystal water after warming.

- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:**

- **Primary irritating effect:**

• **after swallowing:** After resorption of big quantities: Diarrhea. Only little resorbable over gastrointestinal tract.

• **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

• **Aquatic toxicity:** No quantitative data available. In case of appropriate handling and usage the product does not cause ecological problems.

• **Water hazard class:** 1 (self classification): slightly hazardous for water.

## 13 Disposal considerations

- **Product:**

• **Recommendation:** Disposal according to local regulations as pharmaceutical waste.

- **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 does not need to be labelled according to GHS-regulations.

- **National regulations (Germany):**

• **Water hazard class:** see chapter 12

• **Storage class TRGS 510:** 11

Page 4 of 4  Print Date 27.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Kaliumnatriumtartrat-Tetrahydrat cryst.	 Revision Date 27.11.2018
--	---	---

## 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.