


<p>Page 1 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumchlorid cryst</p>	 <p>Revision Date 22.11.2018</p>
---	---	---

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

• **Informations to product No. 2438**

• **Product name:**

**Natriumchlorid cryst.**  
Natrii chloridum, Natrium chloratum  
Sodium chloride

• **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

• **Chemical characterization:**

**CAS-No. Substance name**

7647-14-5 Sodium chloride

• **EINECS-No.:** 231-598-3


• **REACH Reg. No.:** 01-2119485491-33-0000

• **INCI-Name:** Sodium Chloride

## 4 First aid measures

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

• **after swallowing:** Drink plenty of water. If feeling unwell seek medical advice.

<p>Page 2 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumchlorid cryst</p>	 <p>Revision Date 22.11.2018</p>
---	---	---

## 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:** Not combustible.
- **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


- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).
- **Advices on common storage:** Keep away from solvents.

## 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:** 801 °C
- **Boiling point / boiling range:** 1461 °C
- **Flammability (solid, vapours):** The product is not flammable.
- **Density:** (20 °C) 2,16 g/cm<sup>3</sup>
- **Bulk density:** 800 - 1600 kg/m<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 358 g/l
- **pH-range:** (50 g/l, 20 °C) 6-9

Page 3 of 4  Print Date 22.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Natriumchlorid cryst	 Revision Date 22.11.2018
--	--	---

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous reactions:** Strong oxidizers
- **Hazardous decomposition products:** Chlorine in reaction with strong oxidizers

## 11 Toxicological information

**RTECS#:** CAS# 7647-14-5: VZ4725000

**LD50/LC50:** RTECS:

**CAS# 7647-14-5:** Draize Test, Rabbit, Auge: 100 mg Mild;

Draize Test, Rabbit, Auge: 100 mg/24H Moderate;

Draize Test, Rabbit, Auge: 10 mg Moderate;

Draize Test, Rabbit, Haut: 50 mg/24H Mild;

Draize Test, Rabbit, Haut: 500 mg/24H Mild;

Inhalation, rat: LC50 = >42 gm/m<sup>3</sup>/1H;

Oral, Mouse: LD50 = 4 gm/kg;

LD50 = 3000 mg/kg;

LD50(oral,Rat): 3000 mg/kg

Skin, Rabbit: LD50 = >10 gm/kg;

Others:

**Carcinogenität:** Sodium chloride - Von ACGIH, IARC, NTP, or CA Prop 65 not classified as carcinogene.

**Andere:** Teratogen in animal experiments: In experiment impairing fertility. The toxicological properties are not yet completely researched. See actual entry in RTECS for complete information.

- **Primary irritant effect:**
- **on eyes:** Irritations.
- **after swallowing:** (big quantities): Illness, Vomiting.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information


- **Ecotoxical effects:**

In case of appropriate handling and usage the product does not cause ecological problems.

- **Water hazard class:** 1 (VwVwS): 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.

<p>Page 4 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumchlorid cryst</p>	 <p>Revision Date 22.11.2018</p>
---	---	---

## 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:** 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.