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

· **Informations to product No. 2588**

· **Product name:**

Quellsalz, künstliches a
Sal Thermarum factitia a

· **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:** Mixture of:

CAS-No. Substance name

7681-82-5 Sodium iodide (6 ppm)

· **EINECS-No.:** 231-679-3

· **REACH Reg. No.:** 01-2119966138-29-0000

· **INCI-Name:** -

CAS-No. Substance name

7647-15-6 Sodium bromide (102 ppm)

· **EINECS-No.:** 231-599-9

· **REACH Reg. No.:** 01-2119490106-41-0000

· **INCI-Name:** -


CAS-No. Substance name

7647-14-5 Sodium chloride (27,04%)

· **EINECS-No.:** 231-598-3

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

· **INCI-Name:** Sodium chloride

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CAS-No. Substance name

7447-41-8 Lithium chloride (871 ppm), GHS07, H302, H315, H319

- **EINECS-No.:** 231-212-13
- **REACH Reg. No.:** 01-2119560574-35-0000
- **INCI-Name:** Lithium Chloride

CAS-No. Substance name

144-55-8 Sodium hydrogencarbonate (70,59%)

- **EINECS-No.:** 205-633-8
- **REACH Reg. No.:** 01-2119457606-32-0000
- **INCI-Name:** Sodium Bicarbonate

CAS-No. Substance name

7757-82-6 Sodium sulfate (0,9%) GHS07, H315, H319, H335

- **EINECS-No.:** 231-820-9
- **REACH Reg. No.:** 01-2119519226-43-0000
- **INCI-Name:** -

CAS-No. Substance name

7601-54-9 Sodium phosphate (481 ppm)

- **EINECS-No.:** 231-509-8
- **REACH Reg. No.:** 01-2119489800-32-0000
- **INCI-Name:** Sodium Sulfate

CAS-No. Substance name

7778-80-5 Potassium sulfate (1,32%)

- **EINECS-No.:** 231-915-5
- **REACH Reg. No.:** 01-2119489441-34-0000
- **INCI-Name:** Potassium Sulfate

4 First aid measures


- **after inhalation:** Fresh air.
- **after skin contact:** Wash away with water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** 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:** 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

- **Methods for cleaning:**
Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

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7 Handling and storage

- **Handling:**
- **Advice on safe handling:** Avoid dust formation.
- **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:** Dust protection mask If dust is generated.
- **Hand protection:** Not required
- **Eye protection:** Safety glasses

9 Physical and chemical properties


- **Form:** solid
- **Colour:** white
- **Odour:** Odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Density:** (20 °C) 1,948 g/cm³
- **Solubility in / Miscibility with**
- **Water** soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use. Avoid strong heating.
- **Materials to avoid:** Acids (release of carbon dioxide)
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** Carbon dioxide.

11 Toxicological information

- **Acute toxicity:** Quantitative toxicological data for this product are not available. Therapeutically used substance.
- **Additional toxicological informations:**
In case of appropriate handling and usage the product does not cause harmful effects.

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12 Ecological information

- **Aquatic toxicity:**

Quantitative ecotoxicological data for this product are not available.

Not acute harmful for water organisms. The inorganic product does not contribute to oxygen consumption.

- **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:** 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.