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

· **Informations to product No. 2434**

· **Product name:**

Natriumcarbonat-Decahydrat

Sodium carbonate decahydrate

Natrii carbonas decahydricus

· **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:**

H319 Causes serious eye irritation

· **P-Phrases:**

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


P305 IF IN EYES:

P351 Rinse continuously with water for several minutes

P337 If eye irritation persists:

P313 Get medical advice/attention.

Eye Irrit. 2

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3 Composition / information on ingredients

• **Chemical characterization:**

CAS-No. Substance name

6132-02-1 Sodium carbonate decahydrate

• **EINECS-No.:** 207-838-8

• **Index-No.:** 011-005-00-2

• **REACH Reg. No.:** 01-2119485498-19-0000

• **INCI-Name:** Sodium Carbonate

4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately.
- **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. If irritation continues, call in ophthalmologist.
- **after swallowing:** Drink water. Induce vomiting. 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.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **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 and contact with substance.
- **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:**
- **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). No aluminium containers.

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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:** 33 °C
- **Density:** (20 °C) 1,44 g/cm³
- **Bulk density:** ca. 500 - 900 kg/m³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 212 g/l
- **pH-range:** (50 g/l, 25 °C) 11,5

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid strong heating.
- **Materials to avoid:** Aluminium, alkali metals, organic nitrates acids.
- **Hazardous reactions:** reaction with acids releases carbon dioxide
- **Hazardous decomposition products:** none

11 Toxicological information


- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
- Sodium carbonate, anhydrous LDLo oral 4000 mg/kg rat
- LC50 inhalativ 2300 mg/m³/2h rat
- **Primary irritating effect:**
- **on skin:** Irritant.
- **on eyes:** Strong irritations.

12 Ecological information

- **Aquatic toxicity:** Toxic for water organisms: Harmful effect on aquatic organisms due to: pH-shift.
- **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.

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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:**

H319 Causes serious eye irritation

- **P-Phrases:**

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

P305 IF IN EYES:

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P313 Get medical advice/attention.

- **National regulations (Germany):**

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

- **Storage class TRGS 510:** 11

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.