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

· **Informations to product No. 2142**

· **Product name:**

Calciumhydrogenphosphat-Dihydrat

Calcii hydrogenphosphas dihydricus
Calcium hydrogenphosphate dihydrate

· **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

7789-77-7 Calcium hydrogenphosphate

· **EINECS-Nr.:** 616-542-1

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


· **INCI-Name:** Dicalcium Phosphate Dihydrate

4 First aid measures

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

5 Fire-fighting measures

· **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.

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- **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.
- **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

- **Respiratory protection:** Dust protection mask.
- **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
- **Decomposition temperature:** > 36 °C
- **Density:** (20 °C) 2,32 g/cm³
- **Solubility in / Miscibility with**
- **Water:** (25 °C) 0,2 g/l
- **pH-range:** (100 g/l Suspension, 25 °C) 7,5

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
Releases easily crystal water.
- **Materials to avoid:** none
- **Hazardous decomposition products:** none

11 Toxicological information

- **Additional toxicological informations:** In case of appropriate handling and usage the product does

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not cause harmful effects.

12 Ecological information

- **Aquatic toxicity:**

In case of appropriate handling and usage the product does not cause harmful ecological effects. Phosphates can contribute to overfertilization of water.

- **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.