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

- **Informations to product No. 4147**
- **Product name:**

### **Calciumsulfat-Dihydrat** Calcii sulphas dihydricus praec. plv.

- **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

- **Hazard classification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

- **Chemical characterization:**

**CAS-No. Substance name**

10101-41-4 Calcium sulphate dihydrate


- **EINECS-No.:** 600-148-1

- **REACH Reg. No.:** 01-2119444918-26-0000

- **INCI-Name:** Calcium Sulfate

## 4 First aid measures

- **after inhalation:** Fresh air
- **after skin contact:** Wash off with water.
- **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.

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## 5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Special protective equipment for fire-fighters:** No special measures required.
- **Additional information:** Not combustible

## 6 Accidental release measures

- **Personal protective measures:** Avoid dust formation, Do not inhale dust.
- **Environmental protective measures:** No special measures required.
- **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 ). Storage temperatures: no limits

## 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.
- **Hand protection:** protection gloves of latex or rubber
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white, colourless
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Density:** (20 °C) 2,32 g/cm<sup>3</sup>
- **Bulk density:** ca. 400 – 600 kg/m<sup>3</sup>
- **Decomposition temperature:** >140 °C
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 2 g/l
- **pH-range:** 7,0 (Suspension)

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## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Above 140 °C crystal water is released.
  - **Hazardous reactions:** No hazardous reactions known.
  - **Hazardous decomposition products:** none
- The product is stable under normal ambient conditions.

## 11 Toxicological information

- **Acute toxicity:** LD50 (oral, rat): > 10000 mg/kg
- **Primary irritant effect:**
- **on skin:** Not irritant
- **on eyes:** Not irritant
- **Sensitization:** no sensitize
- **Mutagenic potential:** negative
- **Additional toxicological informations:** Hazardous properties can not be excluded but are not likely if handled appropriately. In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Aquatic toxicity:** For sulphate generally:  
Fishes: toxic above 7g/l; Bacteria: toxic above 2,5 g/l  
Fish toxicity: *Lepomis macrochirus* LC50: 2980 mg/l/96h.
- **Additional informations:** Spillage in the environment must be avoided.
- **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.

## 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

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## 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.