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

- **Informations to product No. g14**
- **Product name:**

**Aqua Calcariae**  
Kalkwasser  
Lime water

- **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**

Solution of calcium hydroxide in demineralised water.

**CAS-No. Substance name**

7732-18-5 Water (99,88%)

- **EINECS-No.:** 231-791-2

- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.

- **INCI-Name:** Aqua


**CAS-No. Substance name**

1305-62-0 Calcium hydroxide (0,12%) GHS05, GHS07, H315, H318, H335

- **EINECS-No.:** 215-137-0

- **REACH Reg. No.:** 01-2119475151-45-0000

- **INCI-Name:** Calcium Hydroxide

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#### 4 First aid measures

- **after skin contact:** Wash off with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. Call in ophthalmologist.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.
- **Medical advice:** Was used against acid reflux in the past.

#### 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 contact with substance.
- **Environmental protective measures:** No special measures required.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.

#### 7 Handling and storage


- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ). Protect from air.
- **Advices on common storage:** Not required.

#### 8 Exposure controls / personal protective equipment

##### Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** recommended
- **Eye protection:** Safety glasses.

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## 9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless
- **Odour:** odourless
- **Melting point / melting range:** ca. 0 °C
- **Boiling point / boiling range:** ca. 100 °C
- **Density:** (20 °C) 1,001 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** miscible
- **pH-range:** (20 °C) ca. 10

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid air access..
- **Hazardous decomposition products:** none.

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on eyes:** Due to high pH-range an irritant effect on eyes is likely.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information


- **Information about elimination (persistence and degradability):** Reacts with traces of dissolved carbon dioxide to nearly insoluble calcium carbonate.
- **Water hazard class:** nwg (self classification): not 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.

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## 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:** 12
- **VbF class:** -

## 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.