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

• **Informations to product No. 2680**

• **Product name:**

**Kieselerde, gereinigt**  
Terra silicea purificata, Kieselgur  
Siliceous earth

• **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:** Danger

• **H-Phrases:**

H372 Causes damage to organs through prolonged or repeated exposure

• **P-Phrases:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P285 In case of inadequate ventilation wear respiratory protection

**STOT RE 1**

## 3 Composition / information on ingredients

• **Chemical characterization:**

**CAS-No. Substance name**

68855-54-9 Siliceous earth

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- **EINECS-No.:** 272-489-0
- **REACH Reg. No.:** 01-2119488518-22-0000
- **INCI-Name:** Silica

#### 4 First aid measures

- **after inhalation:** Fresh air. If feeling unwell continuously seek medical advice.
- **after skin contact:** Wash off with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** If feeling unwell 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.
- **Additional information:** Not combustible

#### 6 Accidental release measures

- **Personal protective measures:** Do not inhale dust.
- **Environmental 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.
- **Advice on safe handling:** Avoid dust formation.
- **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 ).
- **Advices on common storage:** Not required.

#### 8 Exposure controls / personal protective equipment

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

68855-54-9 Kieselgur (100,0%)

MAK: 0,3 F mg/m<sup>3</sup>

- **Personal protective equipment:**
- **General protective and hygiene measures:**  
Wash hands before breaks and after work.
- **Respiratory protection:** Required if dusts are generated.
- **Hand protection:** Not required.
- **Eye protection:** Safety glasses

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## 9 Physical and chemical properties

- **Form:** Powder
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 1730 ° C
- **Boiling point / boiling range:** 2230 ° C
- **Flammability (solid, vapours):** The product is not flammable.
- **Density:** (20 °C) 2,21 g/cm<sup>3</sup>
- **Bulk density:** 170-300 kg/m<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** (20 °C) <0,001 g/l : Soluble in alkaline media.
- **pH-range:** (100 g/l, 20 °C) 5,0-9,5 Suspension

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**  
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** Not acute toxic.
- **Sub-acute / chronic toxicity:** Can cause lung damage (silicosis) in case of prolonged or repeated inhalation.

## 12 Ecological information

- **Aquatic toxicity:**  
Quantitative ecotoxicological data for this product are not available.  
Not acute harmful for water organisms.
- **Water hazard class:** nwg (VwVwS): 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 is classified and labelled according to GHS-regulations.

- **Hazard symbols:** GHS08

- **Signal word:** Danger

- **H-Phrases:**

H372 Causes damage to organs through prolonged or repeated exposure

- **P-Phrases:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P285 In case of inadequate ventilation wear respiratory protection

- **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.