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

· Informations to product No. 2103

· Product name:

**Ton, roter, plv.**

**Bolus rubra**

**Argil, red**

· **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**

1332-58-7 Kaolinite (Aluminium silicate)

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- **EINECS No.:** 310-194-1
- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.-
- **INCI-Name:** Kaolin

#### 4 First aid measures

- **after inhalation:** (Dust): 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:** (big quantities): 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.
- **Specific hazards during fire fighting:** None. 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

- **Methods for cleaning:** Take up dry. Avoid dust formation.
- **General information:** No hazardous substances are released.

#### 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:** 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

- **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 rubber or latex.
- **Eye protection:** Protection glasses

#### 9 Physical and chemical properties

- **Form:** solid

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- **Colour:** red - brown
- **Odour:** odourless
- **Melting point / melting range:** ca. 1700 °C
- **Density:** (20 °C) 2,6 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water** (20 °C) < 0,1 g/l
- **pH-Value:** (suspension 20°C) 3 - 8

## 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.
- **Additional toxicological informations:**  
Can cause lung damage (silicosis) in case of prolonged or repeated inhalation.

## 12 Ecological information

- **Information about elimination (persistence and degradability):**  
Naturally occurring substance. Component of minerals and soil.
- **Additional information:** In case of appropriate handling and usage the product does not cause harmful ecological effects.
- **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.

## 15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

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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.