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

• **Informations to product No. 2386**

• **Product name:**

Magnesiumoxid, leichtes

Magnesii oxidum leve

Magnesium oxide, low density

• **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

1309-48-4 Magnesium oxide

• **EINECS-No.:** 215-171-9

• **EC-Index-No.:** 025-199-09-0

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


• **INCI-Name:** Magnesium Oxide

4 First aid measures

• **after inhalation:** Fresh air. Ggf. Gerätebeatmung. Seek medical advice.

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

• **after swallowing:** (big quantities): 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.
- **Specific hazards during fire fighting:** Not combustible.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **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 and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **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

Components with limit values that require monitoring at the workplace:


1309-48-4 Magnesium oxide

TRGS 900: 10 mg/m³ respirable fraction, 3 mg/m³ alveoles penetrating fraction

- **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:** Not required.
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 2800 °C
- **Boiling point / boiling range:** 3600 °C
- **Flammability (solid, vapours):** The product is not flammable.
- **Density:** (20 °C) 3,22 g/cm³
- **Bulk density:** ca. 500 kg/cbm
- **Solubility in / Miscibility with**

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- **Water:** not readily soluble
- **pH-range:** (20 °C) 10,3 saturated solution

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:** No information available. Laxative effect in high dosage.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause ecological problems.
- **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 EC-regulations:**
The product does not need to be labelled according to EC directives or respective national laws.
- **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.