


<p>Page 1 of 4</p> <p>Print Date 27.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Magnesiumperoxid 22 - 28%</p>	 <p>Revision Date 27.11.2018</p>
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## 1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 2396**

· **Product name:**

### **Magnesiumperoxid 22 - 28%**

**Magnesii peroxidum**

**Magnesium peroxide**

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-40

Fax: 02103/4994-50

· **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 (72 - 77%)

· **EINECS-No.:** 215-171-9

· **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

**CAS-No. Substance name**

14452-57-4 Magnesium peroxide (23 - 28%) GHS03, GHS05, H271, H314


· **EINECS-No.:** 238-438-1

· **REACH Reg. No.:** (pre-registered)

· **INCI-Name:** Magnesium Peroxide

## 4 First aid measures

· **after inhalation:** Fresh air. If feeling unwell seek medical advice.

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- **after skin contact:** Take off contaminated clothes, rinse off with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. Call in ophthalmologist
- **after swallowing:** Drink plenty of water, induce vomiting. 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:** Not combustible, but slightly oxidant.
- **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 (fume) (72-77%)

MAK: 6 F mg/m<sup>3</sup>

- **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:** Safety glasses

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white-light yellow
- **Odour:** odourless
- **Melting point / melting range:** not applicable (decomposition on heating)
- **Boiling point / boiling range:** not applicable (decomposition on heating)
- **Flammability (solid, vapours):** The product is not flammable.
- **Density:** (20 °C) ca. 3,5 g/cm<sup>3</sup>

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- **Solubility in / Miscibility with**
- **Water:** not soluble
- **pH-range:** ca. 10 (Suspension)

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid strong heating.
- **Hazardous reactions:** After strong heating oxygen is released.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** No information available.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Ecotoxic effects:**  
In case of appropriate handling and usage the product does not cause ecological problems. After hydrolysis hydrogen peroxide is released in low concentrations.
- **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

## 16 Other Information

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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.