



Trade name: Magnesii peroxidum

Substance number: 065322

Version: 2 / CH

Date revised: 23.03.12

Replaces Version: 1 / CH

Date of printing: 23.03.12

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

### 1.1. Product identifier

Magnesii peroxidum

Item-No. 06532200

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/preparation

Active pharmaceutical substance

### 1.3. Details of the supplier of the safety data sheet

#### Address

Hänseler AG  
Industriestrasse 35  
9101 Herisau  
Telephone no. 0041 (0)71 353 58 58  
E-mail address of sdb@haenseler.ch  
person responsible  
for this SDS

### 1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)  
Ox. Sol. 2 H272

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

Danger

#### Hazard statements

H272 May intensify fire; oxidiser.

#### Precautionary statements

P221 Take any precaution to avoid mixing with combustibles...  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P220 Keep/Store away from clothing/.../combustible materials.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P370+P378.1 In case of fire: Use water sprayjet, carbon dioxide, alcohol-resistant foam or dry powder for extinction.  
P501.1 Dispose of contents/container to be taken to an authorised special waste incineration plant.



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**Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

**Hazard symbols**

Oxidizing

**R phrases**

8 Contact with combustible material may cause fire.

**S phrases**24/25 Avoid contact with skin and eyes.  
27 Take off immediately all contaminated clothing.**3. Composition/information on ingredients \*\*\*****Registration no.**

EC No.: 215-627-7

**Hazardous ingredients \*\*\*****Magnesium peroxide**

CAS No. 1335-26-8

EINECS no. 215-627-7

Concentration 25 %

Classification O, R8

Classification (Regulation (EC) No. 1272/2008)  
Ox. Sol. 2 H272**4. First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

**After inhalation**

Ensure supply of fresh air.

**After skin contact**

Wash off immediately with soap and water and rinse well.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Begin with medical treatment.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Take medical treatment.

**5. Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media



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Extinguishing measures to suit surroundings

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3. Methods and material for containment and cleaning up

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal". Send in suitable containers for recovery or disposal. Dilute with plenty of water.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Observe the usual precautions for handling chemicals. Avoid the formation and deposition of dust. Provide exhaust ventilation if dust is formed.

#### Advice on protection against fire and explosion

The product is not combustible. Substance/product in the dry state promotes fires.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Recommended storage temperature

Value < 25 °C

#### Hints on storage assembly

Do not store with combustible materials. Keep away from reducing agents. Do not store with acids.

#### Further information on storage conditions

Keep container tightly closed and dry. Protect from heat and direct sunlight.

## 8. Exposure controls/personal protection

### 8.2. Exposure controls

#### Exposure controls

See chapter 7. No measures exceeding the ones mentioned are necessary.

#### General protective and hygiene measures

Take a shower after work finish. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work.

#### Respiratory protection

Dust mask

#### Hand protection

Protective gloves

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

#### Eye protection



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Safety glasses

**Body protection**

apron; Clothing as usual in the chemical industry.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	Powder		
<b>Colour</b>	white		
<b>Odour</b>	odourless		
<b>pH</b>			
Value	appr.	10	
Concentration/H <sub>2</sub> O		10	g/l
Temperature		20	°C

**Flash point**

Remarks Not applicable

**Flammability**

Danger of fire if contact with combustible materials.

**Vapour pressure**

Remarks Not applicable

**Solubility in water**

Remarks virtually insoluble

**10. Stability and reactivity****10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat. No decomposition if stored and applied as directed.

**10.5. Incompatible materials**

Do not store with combustible materials. Reactions with reducing agents. Reactions with acids. peroxides

**10.6. Hazardous decomposition products**

Hydrogen peroxide

**11. Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**Remarks Irritates the mucous membrane.  
Remarks Irritating to skin.**Serious eye damage/irritation**

valuation irritant

**Sensitization**

Remarks No sensitisation effect known.

**12. Ecological information****12.1. Toxicity****Fish toxicity**

Remarks No data available.



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## 12.6. Other adverse effects

### General information / ecology

Product is slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Disposal in compliance with local and national regulations.

#### Disposal recommendations for packaging

Dispose of as unused product.

## 14. Transport information

### Land transport ADR/RID

#### 14.1. UN number

UN 1476

#### 14.2. UN proper shipping name

MAGNESIUM PEROXIDE

#### 14.3. Transport hazard class(es)

Class 5.1

Label 5.1

#### 14.4. Packing group

Packing group II

### Marine transport IMDG/GGVSee

#### 14.1. UN number

UN 1476

#### 14.2. UN proper shipping name

MAGNESIUM PEROXIDE

#### 14.3. Transport hazard class(es)

Class 5.1

#### 14.4. Packing group

Packing group II

### Air transport ICAO/IATA

#### 14.1. UN number

UN 1476

#### 14.2. UN proper shipping name

MAGNESIUM PEROXIDE

#### 14.3. Transport hazard class(es)

Class 5.1

#### 14.4. Packing group

Packing group II

## 15. Regulatory information

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## 16. Other information

R-phrases listed in chapter 3



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8 Contact with combustible material may cause fire.

**Hazard statements listed in chapter 3**

H272 May intensify fire; oxidiser.

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.