

**MATERIAL SAFETY DATA SHEET**

1907/2006/EG

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**Trade name****Magnesium Carbonate**

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**1. Name of company****Manufacturer/supplier**

**Manufacturer/supplier:** Dr. Paul Lohmann GmbH KG  
Hauptstr. 2  
D-31860 Emmerthal / Germany

**Tel:** (49) 5155 - 630  
**Fax:** (49) 5155 - 63134  
**email:** Service@Lohmann-Chemikalien.de

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**2. Hazard risks****Specific information on human and environmental hazards**

Not classified as hazardous when used in accordance with good manufacturing practices.

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**3. Composition/information on ingredients****Name of substance**

Magnesium Carbonate

CAS-No.	EINECS-No.	Hazard	R-phrases	Code No.
12125-28-9	235-192-7			C36

**Chemical characterisation (preparation)**

Magnesium carbonate, basic (approx. 25 % Mg)

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**4. First aid measures****General informations**

Remove contaminated soaked clothing immediately and dispose of safely.

**After inhalation**

Provide fresh air.

**After skin contact**

Wash with soap and plenty of water.

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**4. First aid measures**

**After contact with eyes**

Rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Seek medical advice.

**Advice for physicians**

no specific advice known

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**5. Fire-fighting measures**

**Suitable extinguishing media**

Product itself is non-combustible; use any means suitable for extinguishing.

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**6. Accidental spillage measures**

**Personal precautions**

Wear suitable protective clothing (see under section 8).

**Clean up and disposal measures**

Collect in a suitable container for proper disposal. Rinse area with sufficient water.

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**7. Handling and storage**

**Advice on safe handling**

Usual safety precautions should be observed to ensure safe handling.  
Provide adequate exhausting system in working areas.

**Advice on protection against fire and explosion**

The product is not inflammable.

**Advices on storage compatibility**

Keep away from acids.

**Further information on storage conditions**

To be kept in well-closed containers in a cool (below 30°C) and dry place.

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**8. Exposure controls/personal protection**

**Requirements for technical facilities**

Provide adequate exhausting system in working areas.

**General protective and hygienic measures**

Wash thoroughly after handling.

**Respiratory protection**

Wear dust mask.

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8. Exposure controls/personal protection

Hand protection

Wear suitable gloves.

Eye protection

Use close-fitting safety goggles.

Body protection

Wear rubber or plastic apron.

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9. Physical and chemical properties

Form	Powder or granules
Colour	White
Odour	Practically odourless
Flash point	n.a. °C
Ignition temperature	n.a. °C
Upper explosion limit	n.a. Vol %
Lower explosion limit	n.a. Vol %
pH value	10 - 11 / 20 °C 50 g/l

Further information

Practically insoluble in water.

The product is non-combustible.

n.a. = not applicable

Bulk density: 50 - 600 g/l

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10. Stability and reactivity

Conditions to avoid

Temperatures above 250°C (decomposition).

Materials to avoid

Acids (liberating carbon dioxide)

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11. Toxicological information

Acute toxicity

For classification relevant values

Subacute / chronic toxicity

Longterm tests

Human experience

Further information

U.S. classify: GRAS (Generally recognized as safe for human sumption)  
see additional information under 16

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11. Toxicological information

12. Ecological information

Information on elimination (persistence and biodegradability)

The product is inorganic and does not draw on oxygen.

Environmental effects

Water hazard class: 1 (see section 15)

Ecotoxicological effects

Aquatic toxicity

Effect on water treatment process

see additional remarks

Additional remarks

When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely.

Further information

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13. Disposal considerations

Product disposal

Disposal according to local regulations.

Contaminated packaging

Disposal according to local regulations.

Recommended cleansing agent

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14. Transport information

ADR/RID-GGVS/E class	Packin gr.	Hazard-No.	Substance-No.
ADNR class	Figure	Categorie	
IMDG/GGVSee class	UN-No.	EMS-No.	MFAG-No.
ICAO/IATA class	UN-No.		

Further information

Not classified for conveyance.

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15. Regulatory information

Labelling according to EEC Directives

National regulations

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15. Regulatory information

Water hazard class (Germany)

- 1 - weakly hazardous to water  
Own classification

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16. Other information

This data sheet is applicable to our different grades of magnesium carbonate such as superlight, extra light, light, medium heavy, and heavy. The product is a permitted food additive (E 504 + FCC)  
For the product the following CAS-No. are also available:  
7760-50-1  
39409-82-0

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The data provided herein are based upon information believed to be reliable. This information is not to be considered as a warranty or quality specification and we do not assume any responsibility, including injury or damage, resulting from its use as such or in combination with other materials.