



MATERIAL SAFETY DATA SHEET

1907/2006/EG

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Trade name

Magnesium Carbonate

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

2. Hazard risks

Specific information on human and environmental hazards

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

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)

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

5. Fire-fighting measures

Suitable extinguishing media

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

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.

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.

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.

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

10. Stability and reactivity

Conditions to avoid

Temperatures above 250°C (decomposition).

Materials to avoid

Acids (liberating carbon dioxide)

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

13. Disposal considerations

Product disposal

Disposal according to local regulations.

Contaminated packaging

Disposal according to local regulations.

Recommended cleansing agent

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.

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

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

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.