

64135 Magnesium Hydroxide Carbonate

Edition: 19.10.2004

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Information:

Product Name: Magnesium Hydroxide Carbonate
Article No.: 64135
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG
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Tel. +49 7565 91120 Fax. +49 7565 1606
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Magnesium hydroxide carbonate, basic (approx. 25% Mg)

CAS-No.: 12125-38-9
EINECS-No.: 235-192-7

3. HAZARDS IDENTIFICATION

Not hazardous according to EC regulations.

4. FIRST AID MEASURES

After inhalation: Remove person to fresh air.
After skin contact: Wash off with soap and plenty of water. Remove contaminated clothes.
After eye contact: Rinse immediately with plenty of water for at least 15 minutes and consult physician.
After ingestion: Consult physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Product not combustible. Suitable extinguishing media according to surrounding fire.
Protective equipment: No special measures required.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Protective clothing recommended (see section 8).
Environmental precaution: No special measures required.
Methods of cleaning/
absorption: Collect in a suitable container and dispose or reuse accordingly. Rinse off residues with plenty of water.

7. HANDLING AND STORAGE

Handling:

Instructions on safe handling: Avoid contact with eyes, skin and clothing. Avoid dust formation. Product is not flammable.

Storage:

Storage conditions: Keep containers tightly closed. Store in a dry and cool area.
Storage class: 13

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical systems:
Adequate ventilation recommended.

Components with workplace control parameters: ---

Personal protective equipment

General protective measures: Follow the usual good standards of occupational hygiene.
Wash hands before breaks and after work.

Respiratory protection: Dust mask if necessary.

Hand protection: Protective gloves.

Eye protection: Protective glasses.

Body protection: Plastic or rubber apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder or granules
Color: white
Odor: almost odorless

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Flash point:	no data available
Ignition point:	product is not combustible
Self-ignition temperature:	not applicable
Explosion limits:	not applicable
Density:	2.16 g/cm ³ (20°C)
Bulk density:	50 - 600 g/l
pH Value:	10 - 11 (20°C; 50 g/l)
Solubility:	almost insoluble

10. STABILITY AND REACTIVITY

Conditions to be avoided:	Avoid temperatures above 250°C (decomposition).
Substances to be avoided:	Acids (formation of carbon dioxide).

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No relevant data available.

Subacute/Chronic Toxicity:
Long-term examinations: No information available.

Further information: Product is an approved food additive (E 504).

12. ECOLOGICAL INFORMATION

Persistency and Degradation: Product does not cause depletion of dissolved oxygen.

Ecotoxicity: No relevant information available.

General information:
Water hazard class: 1; slightly hazardous

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national regulations.

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14. TRANSPORT INFORMATION

Not considered hazardous material according to transportation regulations.

15. REGULATORY INFORMATION

Designation according to EC guidelines: The material is not subject to classification according to EC lists.

National (D) Regulations:

- Water hazard class: 1, slightly hazardous for water.

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.