

1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the Product

Product Name: Chalk from Champagne
Article No.: 58000
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
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2. Hazard Identification

Hazard designation: Product is not considered to be hazardous according to EC Guideline 67/548/EWG.

3. Composition/Information on Ingredients

Chemical Characterization: Natural calcium carbonate (CaCO₃) CAS: 1317-65-3
EINECS: 215-279-6
TSCA-Inventory: 1317-65-3
Additives: ≤ 0.4 %
Contains a little quartz as a natural constituent of calcium carbonate.

4. First Aid Measures

After inhalation: Remove person to fresh air. In case of complaints consult a physician.
After skin contact: Wash off with plenty of water.
After eye contact: Rinse open eyes with plenty of water. In case of discomfort seek medical help.
After ingestion: Do not induce vomiting. Consult physician immediately.
Information for physician: Symptomatic treatment.

5. Fire-Fighting Measures

Suitable extinguishing media: Product itself does not burn.

6. Accidental Release Measures

Personal precautions: No special measures required.
Environmental precautions: No special measures required.
Methods of cleaning/absorption: Clean up mechanically.
Dispose accordingly. Rinse spill area.
Keep away from acids.

7. Handling and Storage

Handling

Instructions on safe handling: The usual precautionary measures are to be adhered to when handling chemicals.

Storage

Storage conditions: Store in tightly sealed containers in a dry room.
Storage compatibility: Do not store together with: acids.

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: Provide adequate ventilation.
Components with workplace control parameters (Germany): MAC-Value: 10 mg/m³ air-borne fraction (general dust limit)
MAC-Value: 3 mg/m³ general dust limit inhalable fraction.
ACGTH TLV (USA): 10 mg/m³ (general dust limit)
Components with workplace control parameters (EC): OEL (GB): 4 mg/m³ (8h)
OEL(RCS) (IT): 0.05 mg/m³
OEL(RCS) (IRE): 0.4 mg/m³

Personal protective equipment

General protective measures: The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Dust mask.
Hand protection: Not required
Eye protection: Not required.

9. Physical and Chemical Properties

Form: powder
Color: white
Odor: odorless
Melting temperature: not applicable
Boiling temperature: not applicable
Explosion risk: Product does not present an explosion hazard.
MZE > 1000 mJ
Density: 2.6 - 2.8 g/cm³ (20°C)
Solubility in water: 0.014 g/l (20°C); 0.018 g/l (75°C)
pH-Value: 8.5 - 9.5 (100 g/l; 20°C)
Coefficient of variation (n-Octanol/Water): LogPOW < 1

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: > 600°C
Substances to be avoided: Acids
Hazardous decomposition products: Formation of CO₂ after contact with acids: risk of suffocation.

11. Toxicological Information

Acute toxicity

LD50, oral: > 2000 mg/kg (rat)

12. Ecological Information

Elimination (Persistency and Degradability):

Pigment is not soluble in water and biologically not degradable.

Ecological effects

Aquatic toxicity:

:

- Fish toxicity:

LC50: > 10000 mg/l (96h, Brachydanio rerio) (OECD 203)

- Daphnia toxicity:

EC50: > 1000 mg/l (48h, Daphnia magna)

- Algae toxicity:

EC50: > 200 mg/l (96h)

Further ecological effects:

Calcium carbonate is not biodradable.

Concentrated slurries of calcium carbonate may have a negative influence on aquatic organisms (disorder of the microflora and fauna).

Further information

Water hazard class:

0

13. Disposal Considerations

Product:

Product can be taken to a waste disposal site according to local regulations.

Uncleaned packaging:

Clean packaging material can be recycled.

14. Transport Information

Further information:

Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Designation according to EC guidelines:

The material is not subject to classification according to EC lists.

Water hazard class:

0, not hazardous

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 be therefore not be construed as guaranteeing specific properties.