

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

Product Identifier

Product Name: Chalk from Ruegen
Article No.: 58010
Use of the Substance/Preparation: Artists' and Restoration Material

Details of the Supplier of the Safety Data Sheet

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 914480, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 914480, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Classification according to EC Regulation No.1272/2008

GHS Classification This product does not require classification and labelling as hazardous according to CLP/GHS.

Classification according to EC Regulation No. 67/548 or No.1999/45

Hazard designation: The material is not subject to classification according to EC lists.

3. Composition/Information on Ingredients

Chemical Characterization: Natural calcium carbonate, chalk , CaCO₃
CAS No.: 1317-65-3
EINECS: 215-279-6

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air. Consult physician if symptoms persist.
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.

5. Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media: Product itself does not burn.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: No special measures required.
Environmental precautions: No special measures required.
Methods and material for containment and cleaning up: Clean up mechanically.
Dispose accordingly. Rinse spill area.
Keep away from acids.

7. Handling and Storage

Precautions for Safe Handling

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

Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store in tightly sealed containers in a dry room.

Storage compatibility: Do not store together with: acids.

8. Exposure Controls/Personal Protection

Technical protective measures: Provide adequate ventilation.

Parameters to be controlled (DE): TWA: 10 mg/m³ air-borne fraction (general dust limit)

TWA: 3 mg/m³ general dust limit inhalable fraction.

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

Information on Basic Physical and Chemical Properties

Form: powder

Color: gray - beige

Odor: odorless

Melting temperature: not applicable

Boiling temperature: not applicable

Thermal decomposition: 900°C (in CaO and CO₂)

Explosion risk: Product does not present an explosion hazard.

Density: 2.6 - 2.8 g/cm³ (20°C)

Bulk density: 0.56 g/cm³ (20°C)

Solubility in water: 16 mg/l (20°C)

pH-Value: 8.8 - 9.5

10. Stability and Reactivity

Reactivity: Avoid contact with acids.

Hazardous reactions: Reacts with acids

Conditions to avoid: Avoid high temperature.

Incompatible materials: Acids

Hazardous decomposition products: Can react with acids under the formation of CO₂ that can displace oxygen (danger of suffocation).

11. Toxicological Information

Acute Toxicity

LD50, oral: > 5000 mg/kg (rat)

12. Ecological Information

Persistency and Degradability: Pigment is not soluble in water and biologically not degradable.

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

Waste Treatment Methods

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

Uncleaned packaging: Uncontaminated packaging may be recycled.

14. Transport Information

Further information:

Further Information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

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Water hazard class: 0, not hazardous

Chemical Safety Assessment

Chemical safety assessment: A Chemical Safety Assessment has not been carried out for this product.

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.