

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

Product Name: Phthalo Green. Kremer Watercolor
Article No.: 230008
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: Copper-phthalocyanine halogenated (C.I. Pigment Green 7) in Carol Gillot's watercolor medium.
Watercolor medium:
Gum Arabic: CAS No. 9000-01-5; EINECS 2325195
Honey
Glycerol: 1,2,3-Trihydroxypropane CAS No.: 56-81-5; EINECS 200-895

4. First Aid Measures

After inhalation: Take affected person to fresh air and seek medical advice in case of complaints.
After skin contact: Wash with soap and rinse with plenty of water.
After eye contact: Rinse open eyes with plenty of water for at least 15 minutes. Consult physician.
After ingestion: Rinse mouth and drink plenty of water.
Information for physician: Symptomatic treatment.

5. Fire-Fighting Measures

Suitable extinguishing media: Foam, carbon dioxide (CO₂), extinguishing powder, water spray.
Protective equipment: Use self-containing breathing apparatus.
Special hazards: In case of fire: formation of hydrogen chloride.
Further information: Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

Personal precautions: Respiratory protection in case of formation of vapors/dust/aerosol.
Environmental precautions: Prevent contamination of soil, drains and surface waters.
Methods of cleaning/absorption: Dispose accordingly. Rinse spill area.

7. Handling and Storage*Handling*

Instructions on safe handling: Do not eat or drink during work. Do not smoke.
Information on fire and explosion protection: No special measures necessary.

Storage

Storage conditions: Store in tightly sealed containers in a dry and cool room.
Storage class (VCI): 13; Non combustible solids.

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: No further measures, see Section 7.

Personal protective equipment

General protective measures: The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Not required.
Hand protection: Protective gloves
Eye protection: Safety glasses

9. Physical and Chemical Properties

Form: solid
Color: blue-green, dark
Odor: characteristic
Melting temperature: > 200°C
Flash point: not applicable
Solubility in water: soluble

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: Stable when used according to specifications.
Hazardous reactions: None if used according to specifications.

11. Toxicological Information*Acute toxicity*

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

Primary effects

Irritant effect on skin: Non irritating (rabbit)
Irritant effect on eyes: Non-irritating to eyes (rabbit)

Further toxicological effects: The above data are based on the containing pigment.

12. Ecological Information

Environmental Behaviour: Due to its low solubility the product may be removed from water mechanically in suitable effluent treatment plants.

- Fish toxicity: LC50: > 500 mg/l (96h, *Lepomis macrochirus*)
LC50: 100-500 mg/l (96h, *Oncorhynchus mykiss*)
- Bacteria toxicity: EC10: > 10 000 mg/l (0.5h, active sludge)
- Further ecological effects: The product contains about 5.6 % copper bound as a complex.
The above data are based on the containing pigment.
- AOX Value: The product contains about 50 % organically bound halogen
(calculated as Cl).
The halogen value can account for the AOK-value of waste water.

Further information

Water hazard class: 1

13. Disposal Considerations

- Product: In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.
- Uncleaned packaging: Clean packaging material can be recycled.
Dispose according to product.

14. Transport Information

- Further information: Not classified as a dangerous good under transport regulations.
Protect against humidity.

15. Regulatory Information

- Designation according to EC guidelines: The material is not subject to classification according to EC lists.
- 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 be therefore not be construed as guaranteeing specific properties.