

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

Product Name: Phthalo Blue, Kremer Watercolor
Article No.: 230508
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Hazard designation: None known.

3. Composition/Information on Ingredients

Chemical Characterization: Copper phthalocyanine (Pigment Blue 15:1, C.I. 74160; EC No.: 205-685-1) 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 keep calm.
After skin contact: Remove contaminated clothing. Wash off immediately with plenty of water and soap.
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, extinguishing powder, water spray.
Unsuitable extinguishing media: Carbon dioxide (CO₂)
Protective equipment: Use self-containing breathing apparatus.
Special hazards: In case of fire: Hazardous gases/vapours may be released.
Further information: Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6. Accidental Release Measures

Personal precautions: Wear protective clothing.
Environmental precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods of cleaning/absorption: Clean up mechanically. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

7. Handling and Storage

Handling

Instructions on safe handling: Do not eat or drink during work. Do not smoke.

Storage

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

8. Exposure Controls/Personal Protection

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

Personal protective equipment

General protective measures: Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of the shift.

Respiratory protection: Dust mask recommended when very dusty (NIOSH-certified).

Hand protection: Chemical protective gloves (EN 374).

The glove supplier's instructions must be followed due to the large variety of protective gloves.

Eye protection: Safety glasses with protective shields (EN 166).

9. Physical and Chemical Properties

Form: solid

Color: blue

Odor: characteristic

Solubility in water: soluble

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: No decomposition when used according to specifications.

11. Toxicological Information

Acute toxicity

LD50, oral: > 5000 mg/kg

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

- Fish toxicity: LC50: > 500 mg/l (96h, *Leuciscus idus*)

- Bacteria toxicity: EC50: > 10 000 mg/l (active sludge)

Behaviour in sewage system: No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.

Further ecological effects: The product contains about 10.5 % copper bound as a complex.
The above data are based on the containing pigment.

AOX Value: approx. 3 %.
Product contains organically bound halogen.

Further information

Water hazard class: 0

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.

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.