

45364 - Copper Blue

Revised edition: 13.06.2011

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

Product Identifier

Product Name: Copper Blue
Article No.: 45364
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 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

Classification according to EC Regulation No.1272/2008

GHS Classification: Chronic aquatic toxicity, category 3
Hazard designation: H412 Harmful to aquatic life with long lasting effects.
Safety designation: P501 Dispose of contents/container according to regional, national and international regulations.
P273 Avoid release to the environment.

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.
Risk Phrases: R52 Harmful to aquatic organisms.
R53 May cause long-term adverse effects in the aquatic environment.
Safety Phrases: S61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

3. Composition/Information on Ingredients

Chemical Characterization: Tricopper(II) phosphate
CAS No. 7798-23-4
EINECS 232-254-5

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air. Consult physician if symptoms persist.
After skin contact: Wash with soap and rinse with plenty of water.
After eye contact: Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.
After ingestion: Immediately get medical help.

Most Important Symptoms and Effects, both Acute and Delayed

Possible symptoms: No further information available.

Indication of any Immediate Medical Attention and Special Treatment needed

Information for physician: No information available.

5. Fire-Fighting Measures

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Extinguishing Media

Suitable extinguishing media: CO₂, extinguishing powder, water spray.
Fight larger fire with water jet or alcohol resistant foam.

Unsuitable extinguishing media: None known.

Special Hazards arising from the Substance or Mixture

Special hazards: No special hazards.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Wear protective clothing.
Environmental precautions: Prevent contamination of soils, drains and surface water.
Methods and material for containment and cleaning up: Clean up mechanically. Avoid dust formation.
Reference to other sections: none

7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling: Provide adequate ventilation.
Information on fire and explosion protection: Product is not flammable.

Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store in tightly sealed containers in a dry and cool room.
Requirements for storage areas and containers: No special measures necessary.

8. Exposure Controls/Personal Protection

Technical protective measures: No further measures, see Section 7.
Parameters to be controlled (DE): No exposure limits for this product.

Personal Protective Equipment

General protective measures: The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Wear protective mask, particle filter P2 (for solid and liquid particles DIN 3181) if dust occurs.
Hand protection: Protective gloves
Protective glove material: Suitable protective gloves (e.g. rubber). Remove contaminated gloves and discard according to specifications.
Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.
Eye protection: Safety glasses
Body protection: Protective clothing.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form: powder

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Color:	white
Odor:	odorless
Odor threshold:	No information available.
Melting temperature:	not determined
Boiling temperature:	not determined
Flash point:	not applicable
Evaporation rate:	No information available.
Ignition temperature:	not applicable
Auto-ignition:	Product is not auto-ignitable.
Thermal decomposition:	No data available.
Explosion risk:	Product does not present an explosion hazard.
Vapor pressure:	not applicable
Density:	not determined
Bulk density:	550 kg/m ³
pH-Value:	5.6 (10 g/l, 20°C)
Viscosity dynamic:	not applicable
Oxidizing properties:	no information available
Vapor density:	no information available

10. Stability and Reactivity

Reactivity:	No decomposition if used according to specifications.
Chemical stability:	Stable if used according to specifications.
Hazardous reactions:	Unknown.
Conditions to avoid:	No decomposition if used according to specifications.
Incompatible materials:	No information available.
Hazardous decomposition products:	No information available.

11. Toxicological Information

Information on Toxicological Effects

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Acute Toxicity

LD50, oral: 1300 mg/kg (rat)

Primary effects

Irritant effect on skin:	Non irritating
Irritant effect on eyes:	Non-irritating to eyes
Sensitization:	No sensitizing effects known.
Reproductive toxicity:	No negative effects.
Carcinogenicity:	No negative effects.
Mutagenicity:	No data available.
Specific target organ toxicity (STOT):	No data available.

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Further toxicological effects: When used and handled according to specifications, the product does not have any harmful effects. The product is not subject to classification according to latest version of the General EU Classification Guidelines for Preparations.

12. Ecological Information

Persistency and Degradability: No information available.
Bioaccumulation: No information available.
Mobility: No data available.

Ecological effects

Aquatic toxicity: No information available.

Further ecological effects: Do not let product enter waterways or sewage system.
Results of PBT and vPvB assessment: Not applicable.

Further information

Water hazard class: 2

13. Disposal Considerations

Waste Treatment Methods

Product: Must not be disposed together with household garbage.
European Waste Code (EWC): 06 03 14 Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13.

Uncleaned packaging: Dispose of according to official local regulations.

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 :

Water hazard class: 2, hazardous for water

Chemical Safety Assessment

Chemical safety assessment: A Chemical Safety Assessment has not yet 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.