

Revised edition: 02.04.2012

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

Product Identifier

Product Name: Ploss Blue
Article No.: 10170
Use of the Substance/Preparation: Artists' and Restoration Material

Relevant identified Uses of the Substance or Mixture and Uses advised against


Identified uses: Coloring agent, pigment

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 Acute toxicity (oral), hazard category 4
Hazard designation:  GHS07

Signal word: Warning
Hazard designation: H302 Harmful if swallowed.
Safety designation: P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

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

Hazard designation:  Xn Harmful

Risk Phrases: R22 Harmful if swallowed.
Safety Phrases: S20 When using do not eat or drink.

3. Composition/Information on Ingredients

Chemical Characterization: Copper calcium acetate

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air.
After skin contact: Wash off immediately with plenty of soap and water and rinse thoroughly.
After eye contact: Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.
After ingestion: Rinse mouth with plenty of water and consult physician.
General information: Remove contaminated clothes.

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

Extinguishing Media

Suitable extinguishing media: Product itself does not burn.
Use extinguishing media for surrounding fire.

Unsuitable extinguishing media: None known.

Advice for Firefighters

Protective equipment: Wear self-contained respiratory protective device.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Avoid formation of dust, wear protective clothing. Keep spectators away.

Environmental precautions: Prevent contamination of soils, drains and surface water.

Methods and material for containment and cleaning up: Take up mechanically and collect in suitable container for disposal.
Rinse spill area. Avoid dust formation.

7. Handling and Storage

Precautions for Safe Handling

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

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.

Storage compatibility: Do not store together with: acids.

Do not store together with: strong oxidants.

Do not store together with: foodstuffs and animal feed.

Storage class (VCI): 10-13

8. Exposure Controls/Personal Protection

Technical protective measures: Provide adequate ventilation.

Parameters to be controlled (DE): TWA: 0.1 mg/m³

Personal Protective Equipment

General protective measures: Wash hands before breaks and after work.

Keep away from foodstuffs, beverages and feed.

Do not inhale vapor/dust.

Remove contaminated clothing. Wash hands after work.

Respiratory protection: Dust mask.

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Respiratory protection:	Dust mask recommended when very dusty (with particle filter P2/P3).
Hand protection:	Protective gloves
Protective glove material:	Chloroprene rubber (CR), nitrile rubber (NBR), butyl rubber, Fluoro carbon rubber (FKM), polyvinyl chloride (PVC).
Eye protection:	Safety glasses
Body protection:	Protective clothing.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form:	powder
Color:	blue
Odor:	odorless
Melting temperature:	not available
Boiling temperature:	not applicable
Flash point:	not combustible
Evaporation rate:	No information available.
Ignition temperature:	non-combustible
Auto-ignition:	No information available.
Thermal decomposition:	> 200°C
Explosion risk:	Product does not present an explosion hazard.
Vapor pressure:	not determined
Density:	4.0 g/cm ³ (20°C)
Bulk density:	ca. 1050 kg/m ³
Solubility in water:	insoluble
pH-Value:	9 (100 g/l; 20°C)
Viscosity dynamic:	not applicable
Oxidizing properties:	No information available.
Coefficient of variation (n-Octanol/Water):	no information available

10. Stability and Reactivity

Reactivity:	No information available.
Chemical stability:	Stable if used according to specifications.
Hazardous reactions:	Reacts with strong oxidants.
Conditions to avoid:	approx. 200°C
Incompatible materials:	No information available.
Hazardous decomposition products:	No information available.

11. Toxicological Information

Acute Toxicity

LD50, oral: 1350 mg/kg (rat)

Primary effects

Irritant effect on skin: No information available

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Irritant effect on eyes: No information available.
Sensitization: No information available.

12. Ecological Information

Further ecological effects: Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

Further information

Water hazard class: 3

13. Disposal Considerations

Waste Treatment Methods

Product: Dispose of according to official national and local regulations.

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

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Employment restrictions: The employment restrictions for young workers in accordance with the Youth Employment Protection Law (94/33/EC) are to be observed.
The employment restrictions for expectant and nursing mothers in accordance with the Maternity Protection Guideline (94/85/EEC) are to be observed.

Technical instructions on air quality: 5.2.2.: Inorganic dusty substances, class III

Water hazard class: 3, very hazardous for water

Chemical Safety Assessment

Chemical safety assessment: No information available.

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.