

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

Identification of the Product

Product Name: Azurite natural
Article No.: 10200
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

2. Hazard Identification

Hazard designation:  Xn Harmful

Risk Phrases: R20 Harmful by inhalation.
R22 Harmful if swallowed.

3. Composition/Information on Ingredients

Chemical Characterization: Copper hydroxide carbonate,
 $2\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2$
Hazardous Ingredients: Cupric carbonate basic (Xn; R20/22)
CAS-Nr: 12069-69-1 EINECS-Nr: 235-113-6 EC-Nr:

4. First Aid Measures

After inhalation: Move to 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.

5. Fire-Fighting Measures

Suitable extinguishing media: Product itself does not burn.
Use extinguishing media for surrounding fire.
Unsuitable extinguishing media: None known.
Protective equipment: No special measures required.

6. Accidental Release Measures

Personal precautions: Avoid dust formation, wear protective clothing. Keep spectators away.
Environmental precautions: Do not discharge into drains, surface or ground water.

10200 - Azurite natural

Revised edition: 19.07.2010

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

7. Handling and Storage

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.

Storage

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

Storage compatibility: Do not store together with: acids.

Storage class (VCI): 10-13

8. Exposure Controls/Personal Protection

Additional information about design of technical systems:

Provide adequate ventilation.

Components with workplace control parameters (Germany):

TWA: 0.1 mg/m³

Personal protective equipment

General protective measures:

Wash hands before breaks and after work.

Keep away from food, drink and animal feeding stuffs.

Respiratory protection:

Dust mask.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Body protection:

Protective clothing.

9. Physical and Chemical Properties

Form: powder

Color: blue

Odor: odorless

Density: 4.0 g/cm³ (20°C)

Bulk density: ca. 1050 kg/m³

Solubility in water: insoluble

pH-Value: 9 (100 g/l; 20°C)

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: > 200°C

Substances to be avoided: Acids

11. Toxicological Information

Acute toxicity

Revised edition: 19.07.2010

LD50, oral: 1350 mg/kg (rat)

Primary effects

Irritant effect on skin: No information available

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: 2

13. Disposal Considerations

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

Uncleaned packaging: Dispose of according to official local regulations.

14. Transport Information

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

15. Regulatory Information

Hazard designation:  Xn Harmful

Risk Phrases: R22 Harmful if swallowed.

R20 Harmful by inhalation.

Safety Phrases: S20 When using do not eat or drink.

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.