

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

Identification of the Product

Product Name: Iron Oxide Black 306, bluish
Article No.: 48420
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
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2. Hazard Identification

Designation according to EC Regulation No.1272/2008

GHS Classification This product does not require classification and labelling as hazardous according to CLP/GHS.

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

Hazard designation: The material is not subject to classification according to EC lists.

3. Composition/Information on Ingredients

Chemical Characterization: Pigment Black 11, Fe₃O₄
Inorganic pigment.
Hazardous Ingredients: Triiron tetraoxide
CAS-Nr: 1317-61-9 EINECS-Nr: 215-277-5 EC-Nr:

4. First Aid Measures

After inhalation: Supply fresh air and keep patient calm.
If breathing is difficult call a physician.
In case of unconsciousness place patient stable in side position for transportation.
Keep respiratory tract clear.
After skin contact: Wash off with water.
After eye contact: Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Should irritation continue, seek medical advice.
After ingestion: No special measures required.

5. Fire-Fighting Measures

Suitable extinguishing media: Use extinguishing media for surrounding fire.
Protective equipment: Wear self-contained respiratory protective device and full protective gear.
Special hazards: No special hazards.

6. Accidental Release Measures

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

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Environmental precautions: Prevent contamination of soils, drains and surface 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: No special measures required.

Storage

Storage conditions: Store dry and in the original tightly sealed containers.

Storage class (VCI): 13; Non combustible solids.

8. Exposure Controls/Personal Protection

Technical protective measures: Provide adequate ventilation.
Facilities storing or utilizing this material should be equipped with an eyewash facility.

Components with workplace control parameters (Germany): TSGS 900 (D 1/06): Fe₃O₄, CAS 1317-61-9

Name/Value: 10 mg/m³ (8h) general dust limit inhalable fraction.

Name/Value: 3 mg/m³ (8h) general dust limit air-borne fraction.

Personal protective equipment

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

Respiratory protection: None required under normal operating conditions.

Hand protection: Protective gloves

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

Body protection: Protective clothing.

9. Physical and Chemical Properties

Form: powder
Color: black
Odor: odorless
Melting temperature: > 1000°C
Flash point: not applicable
Ignition temperature: not applicable
Density: 4.7 g/cm³ (20°C)
pH-Value: 4-8 (50 g/l H₂O)
Viscosity dynamic: not applicable

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: Product is instable above 80°C and can then oxidize causing additional heat. Do not store near sources of heat.

Hazardous reactions: No information available.

Hazardous decomposition products: None if stored and handled according to specifications.

11. Toxicological Information

Acute toxicity

LD50, oral: > 2000 mg/kg (rat)

Primary effects

Irritant effect on skin: Non irritating

Irritant effect on eyes: Non-irritating to eyes

Further toxicological effects: By analogy with a product of similar composition.

12. Ecological Information

Further ecological effects: No special effects or hazards known.

Further information

Water hazard class: 0

13. Disposal Considerations

Product: If product cannot be reused or recycled, it has to be disposed of according to current local regulations.

Uncleaned packaging: Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.

14. Transport Information

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

15. Regulatory Information

Chemical safety assessment: No information available.

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.