

48120 - Iron Oxide Red 120 M

Revised edition: 05.03.2010

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

Identification of the Product

Product Name: Iron Oxide Red 120 M
Article No.: 48120
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 and dyes), inorganic.

Company

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

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

Mixture :
Chemical Characterization: Pigment Red 101.77491, Fe₂O₃
CAS No. 1309-37-1

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air. If required give artificial respiration. In case of complaints or unconsciousness consult a physician. In case of unconsciousness place patient stable in side position for transportation.

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

Extinguishing Media

Suitable extinguishing media: Water mist, extinguishing powder, foam, carbon dioxide.
Unsuitable extinguishing media: None known.

Special Hazards

Special hazards: No special hazards.

Fire-Fighting Measures:

Protective equipment: Wear self-contained respiratory protective device and full protective gear.

6. Accidental Release Measures

Personal Precautions and Protective Measures

Personal precautions: Wear appropriate protective equipment. Keep spectators away.
Ensure adequate ventilation.
Floor may be slippery; use care to avoid falling.

Environmental precautions: Prevent contamination of soil, drains and surface waters.
Contact local authorities if product pollutes soil or vegetation.

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

Reference to other Sections: In case of emergency, see para. 1.
Protective clothing, see para. 8.
Dispose of contaminated material according to para 13.

7. Handling and Storage

Handling

Instructions on safe handling: No special measures necessary if properly handled.

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: Ensure adequate ventilation, especially in confined areas.

Parameters to be controlled (DE): TSGS 900 (D 2/10): Fe₂O₃, CAS 1309-37-1
ELV: 10 mg/m³ (8h) inhalable dust (average value)
TLV: 3 mg/m³ (8h) airborne fraction (average value).

Value: Short term value: 20 mg/m³ (15 min) inhalable fraction.
Short term value: 6 mg/m³ (15 min) airborne fraction.

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 work.
Wash contaminated clothes before reuse.

Respiratory protection: Dust mask.

Hand protection: Protective gloves (EN 374)

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

Body protection: Protective clothing.

9. Physical and Chemical Properties

General Information

Form: powder
Color: red

Odor:	odorless
Melting temperature:	> 1000°C (> 1832°F)
Density:	5 kg/l (20°C)
Solubility in water:	insoluble
pH-Value:	5 - 8 (10 % w/w)

10. Stability and Reactivity

Reactivity:	No information available.
Chemical stability:	The product is stable.
Réactions dangereuses:	None if handled and stored according to specifications.
Conditions to be avoided:	No information available.
Substances to be avoided:	No information available.
Hazardous decomposition products:	None if stored and handled according to specifications.

11. Toxicological Information

Acute Toxicity

LD50, oral:	> 5000 mg/kg (rat)
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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.
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12. Ecological Information

Persistency and Degradability:	No information available.
Bioaccumulation:	No information available.
Mobility:	No information available.
Further ecological effects:	No special effects or hazards known.
Results of PBT vPvB assessment:	Not applicable.

Further information

Water hazard class:	0
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13. Disposal Considerations

Methods

Product:	In accordance with current regulations, product may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.
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Uncleaned packaging:	Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.
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14. Transport Information

Further information:	Not classified as a dangerous good under transport regulations. Protect against moisture. Do not store together with foodstuffs.
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15. Regulatory Information

National Regulations (D)

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Water hazard class: 0, not hazardous

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.