



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

For paints / inks / plastic / Rubber industries Raw material available with us under self import
/ Manufacturing / Trading.

Material Safety data sheet :- Red Oxide - 4125

Date of Issue: Jan 15, 2001 Page 1 of 3

***1. Identification of the substance/preparation and the company** **Bayferrox 4125**

Arihant Chemical Corporation.

24/5, Krishna kunj bldg, behind arora
Arora cinema, opp. Sahakari bhandar
Sewari wadala road, Matunga (C.R)
Mumbai- 40019.
CELLULAR:-9820142066 – 9029042066
info@arihantchemcorp.com or nilesh@arihantchemcorp.com

Composition/information on ingredients

C.I. Pigment red 101 Fe_2O_3 , CAS No.: [1309-37-1]

***3. Hazards identification**

The product is not hazardous to health or the environment according to EU criteria.

First-aid measures

In case of eye contact rinse with plenty of water. If irritation of the eyes persists, consult a doctor (ophthalmologist).

Fire-fighting measures

Extinguishing media: No restriction in fire situations.

Accidental release measures

Take up avoiding formation of dust.

***7. Handling and storage**

Storage: Store in a cool, dry place.

Protection against fire and explosion: No special measures required.

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Matunga (C.R) Mumbai – 400019

Administration /correspondence Office :- Plot No. 319, Room No.3, Ranchoddas Terrace building
, sir Bhalchandra Road, opp Hira House, Near Chhatre Maternity Hospital, Matunga (C.R) Mumbai –
400019 Tel :- +91 22 24148378 / 24146390

Mob :- MR NILESH MEHTA +91 9820142066 / +91 8850378208/+91 9029042066

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***8. Exposure controls/Personal protection**

For exposure controls see Chapter 15.

Wear suitable protective clothing, protective goggles and, if necessary, dust mask during work.

Avoid contact with skin and eyes and the inhalation of dust.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work and use skin-protecting ointment. Keep working clothes separate. Change contaminated or soaked clothing.

***9. Physical and chemical properties**

tested in accordance with

Form: powdery

Colour: red

Odour: odourless

Melting point: > 1000 °C

Density: approx. 5 g/cm³ at 20 °C

DIN ISO 787/10

Solubility in water: insoluble

pH Value: 4-8 at 50 g/l water in aqueous suspension

DIN ISO 787/9

in accordance with the EU Directives

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Stability and reactivity

Thermal decomposition: No decomposition when used properly. Hazardous decomposition products: not applicable. Hazardous reactions: No hazardous reactions observed.

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Toxicological information

Acute toxicity:

LD₅₀ oral, rat: > 5000 mg/kg

Rabbit skin (24h): non-irritant Rabbit eyes: non-irritant

(Tests at Institute for Toxicology of Bayer AG)

According to the present state of knowledge Bayferrox pigments are physio-logically harmless; under extreme conditions, however, mechanical action arising from eye contact (action of dust) may cause slight temporary irritation of the mucosa.

*12. Ecological information

Acute fish toxicity: Golden orfe (*Leuciscus idus*) LC₅₀: > 1000 mg/l

Acute bacterial toxicity:

No harmful effect on *Pseudomonas putida*: > 1000 mg/l

(Examinations made at the Institute of environmental analysis and evaluation of Bayer AG)

As the product is practically insoluble in water, it is separated in almost any filtration and sedimentation process.

*13. Disposal considerations

Examine possibilities for re-utilization.

May be disposed of in approved landfills provided local regulations are observed.

Return large quantities to manufacturer.

European Waste Catalogue (EWC) code: 061199/060401

14. Transport information

UN No.: --

MFAG: --

EmS: --

GGVSee/IMDG Code: --

PG: --

MPO: --

RID/ADR: Class -- No. --

GGVE/GGVS: Class --

No. --

Cat --

ADNR: Class --

No. --

ICAO/IATA-DGR: not restr.

Declaration for land shipment: --

Declaration for sea shipment: --

Declaration for shipment by air: --

Other information:

Not dangerous cargo. Keep separated from foodstuffs.

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***15. Regulatory information**

No labelling is required in accordance with the EEC directives.

MAK value: 6 mg/m^3 , measured as the alveolar aerosol content.

***16. Other information**

All components of this product are listed in the European Inventory of Existing Commercial Substances (EINECS) under the provisions laid down in the corresponding EEC-Directive.

The presented Material Safty Data Shet has been altered. The reason for the alteration is as follows:
revised text (see chapter 7, 12, 15 and 16)

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warrenty with regard to the products' properties.

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