



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

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



Specification of :- Orange Oxide

763083/01

Date of Issue: Apr 5, 2000

Page 1 of 3

*1 . Identification of the substance/preparation and the company BAYFERROX

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

Mixture of C.I. Pigment red 101 (Fe₂O₃) and Pigment yellow 42 (FeOOH)

1. **Hazards identification** Hazard warning not required.

2. **First-aid measures**

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

3. **Fire-fighting measures**

Extinguishing media: No restriction in fire situations.

4. **Accidental release measures**

Take up avoiding formation of dust.

*7. Handling and storage

Storage: Store in a cool, dry place.

VCI storage class: 13

Protection against fire and explosion: No special measures required.

8. **Exposure controls/Personal protection** For exposure controls see

Chapter 15.

Eye protection: goggles

Respiratory protection: dust-protection mask if the MAK value is exceeded.

When handling observe the usual precautionary measures for dust-forming products.

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Mob :- MR NILESH MEHTA +91 9820142066 / +91 8850378208/+91 9029042066
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*9. Physical and chemical properties

Form:	powdery
Colour:	yellow to red
Odour:	odourless
Melting point:	> 1000 °C
Density:	approx. 4.3 g/cm ³ at 20 °C
Bulk density:	300-500

Vapour pressure:	not applicable
Viscosity:	not applicable
Solubility in water:	insoluble
pH Value:	3.5-7.5
Flash point:	
at 20 °C	
not applicable	
at 50 g/l water in aqueous suspension	

Ignition temperature:	not applicable
Explosive limits:	not applicable

10 Stability and reactivity

Thermal decomposition: From approx. 180 °C conversion into Fe₂O₃.
 Hazardous decomposition products: No hazardous decomposition products observed, Hazardous reactions: No hazardous reactions observed.

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in accordance with the EU Directives



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11 Toxicological information

Toxicological tests on chemically identical products yielded the following results:

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

Ecotoxicological tests on chemically identical products yielded the following results:

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.

Water pollution class (WGK): 0 – not generally hazardous to water

WGK = Classification in accordance with the German Water Resources Act.

***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

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14. Transport information

GGVSee/IMDG Code: --

UN No.: --

MFAG: -

EmS: --

PG: --	MPO:: --		
GGVE/GGVS: Class --	No. --		RID/ADR: Class -- No. --
ADNR: Class --	No. --	Cat --	ICAO/IATA-DGR: not restr.
Declaration for land shipment: --			
Declaration for sea shipment: --			
Declaration for shipment by air: --			

Transport information (Continuation) Other information:

Not dangerous cargo. Keep separated from foodstuffs.

*15. Regulatory information

No labelling is required in accordance with the EEC directives.

MAK value: 6 mg/m³, measured as the alveolar aerosol content.

*16. Other information

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 warranty with regard to the products' properties.

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