



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 :- YELLOW OXIDE

Date of Issue: Mar 2, 2001

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

Yellow 4920

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 yellow 42 FeOOH, CAS No.: 20344-49-4

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.

Handling and storage

Storage: Store in a cool, dry place.

Protection against fire and explosion: No special measures required.

Exposure controls/Personal protection

For exposure controls see Chapter 15.

Eye protection: goggles

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

Regd Off: - Plot no 24 Block no .5, 1st floor, Behind Aurora cinema , opp Sahakari bhandar, 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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Physical and chemical properties

Form:	powdery		
Colour:	yellow		
Odour:	odourless		
Melting point:	> 1000 °C		
Density:	approx. 4.1 g/cm ³	at 20 °C	DIN ISO 787/10
Bulk density:	200-400 kg/m ³	at 20 °C	
Vapour pressure:	not applicable		
Viscosity:	not applicable		
Solubility in water:	insoluble		
pH Value:	3.5-7.5 at 50 g/l water in aqueous suspension		
Flash point:	not applicable		DIN ISO 787/9

in accordance with the EU Directives

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Ignition temperature:	not applicable
Explosive limits:	not applicable

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.

Toxicological information

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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.

* Ecological information

Acute fish toxicity: Golden orfe (*Leuciscus idus*) LCo: > 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.

* 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

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: --

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/m³, 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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