



BAOJI XUAN TAI PIGMENT TECHNOLOGY CO., LTD.
ADD: ROOM, NO. 1608, BUILDING B, WEILAN INTERNATIONAL MANSION,
DAQING 3RD ROAD, LIANHU DISTRICT, XI'AN, SHAANXI, CHINA.
Tel/Fax: +86-029- 88888558 Email: info@xtpigment.com

Material Safety Data Sheet (MSDS)

1. Identification of substance and of the company

Trade Name: IRON OXIDE YELLOW

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2. Composition/Data on components

Chemical characterization:

Synthetic Iron Oxide Fe₂O₃.H₂O (α -FeOOH), C. I. Pigment Yellow 42

CAS No:51274-00-1

Einecs No: 243-746-4

Dangerous :none

3. Hazards identification

No hazardous effects known.

The product is not a substance subject to mandatory marking in accordance with the EEC Directive 67/584/EEC

Or amendments.

4. First Aid measures

After inhaling: Supply fresh air

After eye contact: Flush with plenty of pressure water for 15 mins., occasionally raising eye lids.

After skin contact: Wash skin with mild soap and water

5. Fire fighting measures

Suitable extinguishing media: no restriction

Special hazards caused by the material, its combustion products or resultant gases: none

Special personal protection equipment: none

6. Accidental release

Environmental protection conduct: Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths.

After spillage/leakage/gas leakage:Clean up immediately with wetting or absorbent material avoiding dusting.

7. Handling and storage

Handling:

Usual precautions for nuisance dust should be observed.

Protection against fire and explosion: The product is non-flammable

Storage: Store in roofed places at room temperature. Keep containers tightly sealed.

Flammability Class: not applicable



8. Exposure controls/personal protection



Additional notes for design of plant equipment: No further details, see sec. 7

Components with workplace-related limits to be monitored:

Designation	%	Type of data	Unit
Nuisance dust	100	MAK TLV/TWA(USA)	6 mg/m ³ 10 mg/m ³

Personal protection equipment: Respiratory protection:

An appropriate dust filter has to be used if a breathable dust is liberated.

9. Physical and chemical properties

form: powder
 colour: yellow
 odour:
 odourless

Method Change in physical state

Thermal Decomposition:

Value/Area	Unit
n.a.	°C Lit.

Flash point: not flammable

Flammable properties: The product is not flammable under standardized conditions.

Explosion risks: The product is not explosive

Vapour pressure:

n.a. mbar

Density: (200C)

4.1 g/cm³

DIN/ISO 787 part 10

Solubility in water: (200C)

<0.3 %

DIN/ISO 787 part 3

pH-Value: (at 100 g/l H₂O)

(200C) ca.3-7

DIN/ISO 787 part 9

10. Stability and reactivity

Hazardous decomposition products

No decomposition at proper storage and application conditions

11. Toxicological Information

Because of experiences with the product mentioned, there are no recognizable hazards for human beings, If it is correctly used and applied.

12. Ecological information

Avoid infiltration into waster drainings or soil.

13. Disposal considerations

Product:

Dispose in accordance with federal, state and local

regulations. **Waste Code No.:**

Check re-use as alternative.

Contaminated packages and containers:

Emptied, but contaminated packages and containers may be

recycled. **Waste Code No.:** 18715 (Germany)



14. Transport information

International:

Land transport: ADR/RID/GGVS/GGVE: Not Regulated

Sea transport: IMDG/GGV See UN-No.: Not Regulated

Air transport: ICAO/IATA UN/ID-No.: Not Regulated

U.S. D.O.T.CLASSIFICATION: Not Regulated

CANADA Transport of dangerous goods: Not Regulated

DOT Shipping Name:None

Technical Shipping Name:Inorganic Oxide



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DOT Hazardous Classification: Non-Regulated. This product is not classed as a dangerous substance under the Classification, Packaging and Labeling of Dangerous Goods Act.

DOT Hazard Class: Non-

Regulated. **DOT Identification**

Number: None **DOT Labels**

required: None

DOT Placards required: None. No specific transportation precautions required.

UN Class:None.

15. Regulatory information

The product is not a substance subject to mandatory marking in accordance with the EEC Directive 67/548/EEC or amendments.

Water risk class: WGK 0 (Self-assessment, acc. to §§7a 19,19a-1 of German Water Utilization Act (WHG))

16. Further information:

Vertical markings at left margin denote alterations of previous issue.

The information contained herein is based on the present state of our knowledge, but without liability.

Department issuing this data sheet: Product safety department

