Material Safety Data Sheet (MSDS)
IRON OXIDE ORANGE

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1. Identification of substance and of the company

Trade Name: IRON OXIDE ORANGE

BAOJI XUAN TAI PIGMENT TECHNOLOGY CO., LTD.

2. Composition/Data on components

Chemical characterization:

SyntheticIronOxide $Fe_2O_3 \cdot H_2O$ (α-FeooH), combination of C. I. Pigment 77491 & 77492

CAS. No. 51274-00-1 & 1309-37-1

H.S CODE: 2821.1000

Dangerous components:

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 inhalating: 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

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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	%	Typeofdata	Unit
Nuisance dust	100	MAK	6 mg/m^3
		TLV/TWA(USA)	10 mg/m^3

Personal protection equipment:

Respiratory protection:

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

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9. **Physical and chemical properties**

form: Powder
colour: O range
odour: odourless

		Value/Area	Unit	Method
Change in physical state				
Thermal Decomposition:		n.a.	^{0}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:	(20^{0}C)	4,1	g/cm^3	DIN/ISO 787 part 10 B
Solubility in water:	(20^{0}C)	<0,5	%	DIN/ISO 787 part 3
pH-Value: (at100g/lHO) [2]	(20^{0}C)	ca.3.5~7		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. **Ecologicalinformations**

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)

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14. **Transport information**

No declaration for transport required.

15. **Regulatoryinformation**

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. Furtherinformation:

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