Material Safety Data Sheet (MSDS)
IRON OXIDE BROWN

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

Trade Name: IRON OXIDE BROWN

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.: +86 +86-029- 88888558

2. **Composition/Data on components**

Chemical characterization:

Sdiysncthhaertgice Ipraotnh sO.xide: Mixture of Fe2O3.αH2O, Fe2O3.H2O and Fe3O4, combination of C. I. Pigment 77491, 77492and77499
CAS No:1309-37-1 Einecs No: 215-168-2
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 Aidmeasures**

After inhalating: Supply fresh air
After eyecontact: Flush with plenty of pressure water for 15 mins., occasionally raising eye lids.
After skincontact: Wash skin with mild soap and water

5. **Fire fightingmeasures**

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

Afterspillage/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	%	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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Trade name: Iron Oxide Orange

9. **Physical and chemical properties**

form: Powder
colour: Brown
odour: odourless

Change in physicalstate		**Value/Area**	**Unit**	**Method**
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)	5.0	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

Stability and reactivity

10. **Hazardous decomposition products**
No decomposition at proper storage and application conditions

Toxicological Information

11.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.

Disposal considerations

13. **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)

BAOJI XUAN TAI PIGMENT TECHNOLOGY CO.,LTD. 宝鸡轩泰颜料科技有限公司

Transport information

14.
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