

安徽以恒科技贸易有限责任公司  
ANHUI ISUN TECHNOLOGY & INTERNATIONAL TRADING  
B-905,Tianhui Mansion, No.77 Anqing RD, (South Edge Of City Hall Plaza),  
Hefei, Anhui, China

MATERIAL SAFETY DATA SHEET

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Replaced issue dd.: AUG. 20, 2006

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

**Trade Name: Iron Oxide Yellow**

Anhui Isun Technology & International Trading

Add: B-905,Tianhui Mansion, No.77 Anqing RD, (South Edge Of City Hall Plaza), Hefei, Anhui, China

Fax: 0086-551-2649391

2. **Composition/Data on components**

**Chemical characterization:**

Synthetic iron oxide  $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$  ( $\alpha$ - $\text{FeOOH}$ ), C. I. Pigment YELLOW 42, CAS. No. 20344-49-4

**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 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	6 mg/m <sup>3</sup>
		TLV/TWA(USA)	10 mg/m <sup>3</sup>

### 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

	Value/Area	Unit	Method
<b>Change in physical state</b> <b>Thermal Decomposition:</b>	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

<b>Vapour pressure:</b>	n.a.	mbar	
<b>Density:</b>	(20 <sup>0</sup> C)	4,1	g/cm <sup>3</sup> DIN/ISO 787 part 10 B
<b>Solubility in water:</b>	(20 <sup>0</sup> C)	<0,5	% DIN/ISO 787 part 3
<b>PH-Value:</b> (at 100 g/l H <sub>2</sub> O)	(20 <sup>0</sup> 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. Ecological informations

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

No declaration for transport required.

## 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