

## 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 Red**

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  $\text{Fe}_2\text{O}_3 \cdot \alpha \text{H}_2\text{O}$ , C. I. Pigment RED 101, CAS. No. 1309-37-1

#### **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: red  
odour: odourless

	Value/Area	Unit	Method
<b>Change in physical state</b>			
<b>Thermal Decomposition:</b>	n.a.	°C	Lit.
<b>Flash point:</b>	not flammable		
<b>Flammable properties:</b>	The product is not flammable under standardized conditions.		
<b>Explosion risks:</b>	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 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

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