



# Material Safety Data Sheet

According to 91/155/EEC and ISO 11014-1

Page: 1/2

Printing date:

Replaced issue dd.:---

## 1. Identification of substance and of the company

**Trade Name: Iron Oxide Orange**

Zhejiang Deqing Haikang Pigment Co., Ltd.

Add: No.139-145, Zhongxing North Road, Deqing County, Zhejiang 313200 China

Tel: 00 86 572 808 6596 Fax: 00 86 572 808 6597

## 2. Composition/Data on components

### Chemical characterization:

Synthetic iron oxide  $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$  ( $\alpha$ - $\text{FeOOH}$ ), CAS. No. 1309-37-1 & 20344-49-4

Einecs No.: 215-168-2 and 243-746-4

### 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 inhalation:** 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:

<u>Designation</u>	<u>%</u>	<u>Type of data</u>	<u>Unit</u>
Nuisance dust	100	MAK	6 $\text{mg}/\text{m}^3$
		TLV/TWA(USA)	10 $\text{mg}/\text{m}^3$

### Personal protection equipment:

#### Respiratory protection:

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

# Material Safety Data Sheet

According to 91/155/EEC and ISO 11014-1

Page: 2/2

Printing date:

Replaced issue dd.:---

## Trade name: Iron Oxide Orange

### 9. Physical and chemical properties

form: powder  
colour: orange  
odour: odourless

	<u>Value/Area</u>	<u>Unit</u>	<u>Method</u>
<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°C)	~4.5	g/cm <sup>3</sup>	DIN/ISO 787 part 10 B
<b>Solubility in water:</b> (20°C)	<0.3	%	DIN/ISO 787 part 3
<b>pH-Value:</b> (at 100 g/l H <sub>2</sub> O) (20°C)	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 draining 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