



# Material Safety Data Sheet

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



Page: 1/2

Printing date : 23-Aug-10

Replaced issue dd.:---

## 1. Identification of substance and of the company

### Trade Name: Iron Oxide Red

SHENGHUA GROUP DEQING HUAYUAN PIGMENT CO., LTD.  
Add: ZHONGGUAN, DEQING, ZHEJIANG, CHINA  
Tel.: +86 572 8401598

## 2. Composition/Data on components

### Chemical characterization:

Synthetic iron oxide  $Fe_2O_3 \cdot \alpha H_2O$ , C. I. Pigment RED 101

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 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.



# Material Safety Data Sheet

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



Page: 2/2

Printingdate :23-Aug-10

Replaced issue dd.:---

## 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> (200C)	5.0	g/cm3	DIN/ISO 787 part 10 B
<b>Solubility in water:</b> (200C)	<0.5	%	DIN/ISO 787 part 3
<b>pH-Value:</b> (at 100 g/l H2O)	(200C)	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

### **International:**

**Land transport:** ADR/RID/GGVS/GGVE: Not Regulated

**Sea transport:** IMDG/GGV See UN-No.: Not Regulated

**Air transport:** ICAO/IATA UN/ID-No.: Not Regulated

**U.S.** D.O.T.CLASSIFICATION: Not Regulated

**CANADA** Transport of dangerous goods: Not Regulated

### **DOT Shipping Name:**None

Technical Shipping Name:Inorganic Oxide

DOT Hazardous Classification: Non-Regulated. This product is not classed as a dangerous substance under the Classification, Packaging and Labeling of Dangerous Goods Act.

**DOT Hazard Class:** Non-Regulated.

**DOT Identification Number:** None

**DOT Labels required:** None

**DOT Placards required:** None. No specific transportation precautions required.

**UN Class:**None.

## 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