



**Material Safety Data Sheet**  
**According to Regulation (EC) No 1907/2006, Annex II,**  
**Amended by Regulation (EU) No 2015/830**  
**According to Regulation (EC) No 1272/2008**  
**According to 91/155/EEC and ISO 11014-1**



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

**Trade Name: Compound Ferric Green**

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

**2. Composition/Data on components**

**Chemical characterization:**

Synthetic iron oxide Fe<sub>2</sub>O<sub>3</sub>.H<sub>2</sub>O ( $\alpha$ -FeOOH), C. I. Pigment yellow42/blue15:3,

CAS No: 51274-00-1, 147-14-8,471-34-1

Einecs No: 243-746-4

**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:**

<u>Designation</u>	<u>%</u>	<u>Type of data</u>	<u>Unit</u>
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.



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**Trade name: Compound Ferric Green**

**9. Physical and chemical properties**

form: powder  
colour: Compound Ferric Green  
odour: slight odour

	<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> (200C)	4.1	g/cm <sup>3</sup>	DIN/ISO 787 part 10
<b>Solubility in water:</b> (200C)	<0.3	%	DIN/ISO 787 part 3
<b>pH-Value:</b> (at 100 g/l H <sub>2</sub> O) (200C)	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 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