

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 Black 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 Fe ₃ O ₄ , C. I. Pigment BLACK 11, CAS. No. 1317-61-9 Einecs No.: 215-277-5 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: <table border="1" data-bbox="183 1960 1388 2049"> <thead> <tr> <th>Designation</th> <th>%</th> <th>Type of data</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Nuisance dust</td> <td>100</td> <td>MAK</td> <td>6 mg/m³</td> </tr> <tr> <td></td> <td></td> <td>TLV/TWA(USA)</td> <td>10 mg/m³</td> </tr> </tbody> </table> Personal protection equipment: Respiratory protection: An appropriate dust filter has to be used if a breathable dust is liberated.				Designation	%	Type of data	Unit	Nuisance dust	100	MAK	6 mg/m ³			TLV/TWA(USA)	10 mg/m ³
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Page: 2/2

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Trade name: Iron Oxide Black

9. Physical and chemical properties

form: powder
colour: black
odour: odourless

Change in physical state

Thermal Decomposition:

Flash point: not flammable

Flammable properties: The product is not flammable under standardized conditions.

Explosion risks: The product is not explosive

Vapour pressure:

Density:

Solubility in water:

PH-Value: (at 100 g/l H₂O)

	<u>Value/Area</u>	<u>Unit</u>	<u>Method</u>
Thermal Decomposition:	n. a.	⁰ C	Lit.
Vapour pressure:	n. a.	mbar	
Density:	(20 ⁰ C) ~4.8	g/cm ³	DIN/ISO 787 part 10B
Solubility in water:	(20 ⁰ C) <0.5	%	DIN/ISO 787 part 3
PH-Value: (at 100 g/l H ₂ O)	(20 ⁰ C) ca.5-8		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