

*Material SafetData Sheet

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

ISSUE DATE:2022.01.01

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**1. Identification of substance and the company

***TradeName: Iron Oxide Red**

NANJING EVEREST CO., LTD

*

2. Composition/Data on component

Chemical characterization:

Synthetic iron oxide red $Fe_2O_3 \cdot aH_2O$, C. I. Pigment RED 101

*CAS N:1309-37-1

*EINECS N: 215-168-2

Dangerous : none

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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. FirstAid measure

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 resultan** gases: none

Special personal protection equipment: none

6. Accidental release measure

***Environmental protection conduct:** Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths.

***After spillage/leakage/ga 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 fir 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 plan equipment:**

No further details, see sec. 7

Components with workplace-related limits to b monitored:

Designation	%	Type of data	Unit
Nuisance dust	100	MAK	*6 mg/m ³
		TLV/TWA(USA)	*10 mg/m ³

***Personal protection equipment:**

Respiratory protection

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

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*9. Physical and chemical properties

*form: powder
 *colour: red
 *odour: odourless

*Change in physical state	Value/Area	Unit	Method
Thermal Decomposition			
*Flash point	not flammable	n.a.	0C Lit.
Flammable properties: The product is not flammable under standardized conditions.			
Explosion risks: The product is not explosive			
Vapour pressure:		n.a.	mbar
Density:	(200C)	5.0	g/cm ³ DIN/ISO 787 part 10 B
Solubility in water:	(200C)	<0.5	% DIN/ISO 787 part 3
pH-Value:	*(at 100 g/l H ₂ O)	(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 water 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 package 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 Label required: None

DOT Placard required: None. No specific transportation precautions required.

UN Class:None. IMDG/IMO: not regulated

**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