

Material Safety Data Sheet
According to 91/155/EEC and ISO 11014-1

Printing date:20-May-2014

Replaced issue

<p>1. <u>Identification of substance and of the company</u></p> <p>Product Name: Iron Oxide Red Company:UZAY BOYA PAZ.SAN. ve TIC.LTD.STI Add: O.S.B , Ataturk Blv. , Isteks San.Sitesi A2 Blok No:11 Basaksehir / Istanbul / TURKEY Telephone:0090 212 4857450</p>				
<p>2. <u>Composition/Data on components</u></p> <p>Chemical characterization: Synthetic iron oxide Fe₂O₃.αH₂O, C. I. Pigment RED CAS No:1309-37-1 Einecs No: 215-168-2 Dangerous : none</p>				
<p>3. <u>Hazards identification</u></p> <p>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.</p>				
<p>4. <u>First Aid measures</u></p> <p>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</p>				
<p>5. <u>Fire fighting measures</u></p> <p>Suitable extinguishing media: no restriction Special hazards caused by the material, its combustion products or resultant gases: none Special personal protection equipment: none</p>				
<p>6. <u>Accidental release measures</u></p> <p>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</p>				
<p>7. <u>Handling and storage</u></p> <p>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</p>				
<p>8. <u>Exposure controls/personal protection</u></p> <p>Additional notes for design of plant equipment: No further details, see sec. 7 Components with workplace-related limits to be monitored:</p> <table border="1"><thead><tr><th>Designation</th><th>%</th><th>Type of data</th><th>Unit</th></tr></thead></table>	Designation	%	Type of data	Unit
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Nuisance dust	100	MAK TLV/TWA(USA)	6 mg/m ³ 10 mg/m ³
Personal protection equipment:			
Respiratory protection: An appropriate dust filter has to be used if a breathable dust is liberated.			
9. <u>Physical and chemical properties</u>			
Form:	powder		
Color:	red		
Odor:	odorless		
		Value/Area	Unit Method
Change in physical state			
Thermal Decomposition:		n.a.	°C Lit.
Flash point:	not flammable		
Flammable properties: The product is not flammable under standardized conditions.			
Explosion risks: The product is not explosive.			
Vapour pressure:		n.a.	mbar
Density:	(200°C)	5.0	g/cm ³ DIN/ISO 787 part 10 B
Solubility in water:	(200°C)	<0.5	% DIN/ISO 787 part 3
PH-Value:	(at 100g/l H2O)	(200°C)	ca.3.5-7 DIN/ISO 787 part 9
10. <u>Stability and reactivity</u>			
Hazardous decomposition products			
No decomposition at proper storage and application conditions			
11. <u>Toxicological Information</u>			
Because of experiences with the product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied.			
12. <u>Ecological informations</u>			
Avoid infiltration into water drainings or soil.			
13. <u>Disposal considerations</u>			
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. <u>Transport information</u>			
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