

Product name:

Iron(III) oxide

Synonyms: Ferric oxide

CAS number: 1309-37-1

<i>General information:</i>		
	Chemical formula: Fe ₂ O ₃	Molar Mass: 159.69 g/mol
	Appearance: Reddish powder	Density: 5.24 g/cm ³
	Solub. in water: 0.001 g/l	Melting Point: 1565 °C
	Bulk density: -	pH value.: 6.0-7.0
	Storage temp.: +2°C to +30°C	Cautions: Not a hazardous substance
	R: N/A	S: N/A
	HS-No.: 2821 1010	EC number: 215-168-2

Hazard Symbol

Safety Information

Grade

Laboratory

<i>Specification:</i>				
	Description		Conforms	
	Solubility		Conforms	
	Assay		95.0-98.0	%
	Loss on ignition	≤	0.5	%
	Water soluble matter	≤	1.0	%
	Phosphate (PO ₄)	≤	0.3	%
	Sulfate (SO ₄)	≤	0.5	%
	Manganese (Mn)	≤	0.25	%

Ordering code	10 g	25 g	50 g	100 g	250g
P.E.					
Glass				534.05.00100.01	