

Technical Data Sheet

Iron(III)oxide

Date Issued: 13/08/2019

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY / UNDERTAKING

Product name	Iron(III)oxide
Product code	NO-0055-SG
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

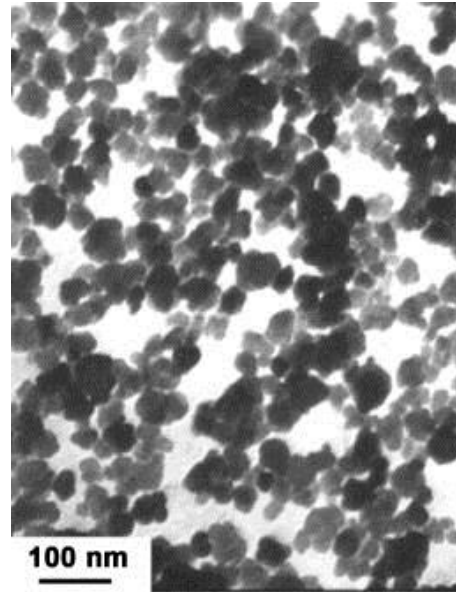
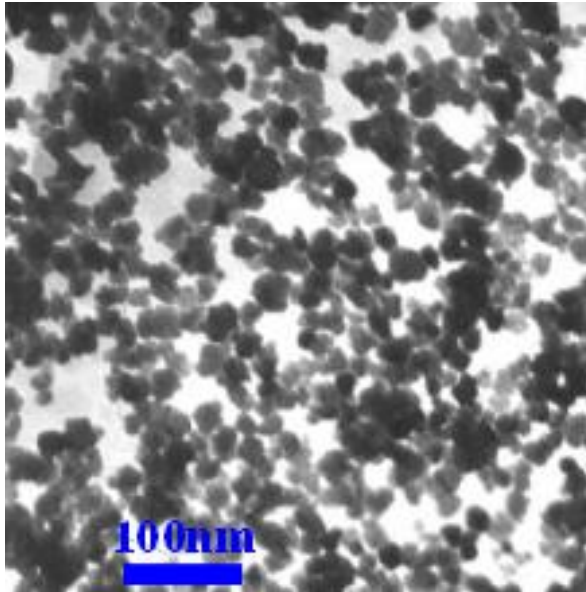
Ingredient name	Iron(III)oxide, Hämatit
CAS No.	1309-37-1
Empirical Formula	Fe ₂ O ₃
Molecular weight	159.69 amu
Purity	98+%
Average Particle Size (D50)	20-40 nm
Color	red/brown
Melting Point	1565 °C
Cristallographic Phase	alpha

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3 TRANSMISSION ELECTRON MICROSCOPY



4 OTHER INFORMATION

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