

Technical Data Sheet

gamma Iron(III)oxide

Date Issued: 08/14/2019

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

Product name	gamma Iron(III)oxide
Product code	NO-0053-HP
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

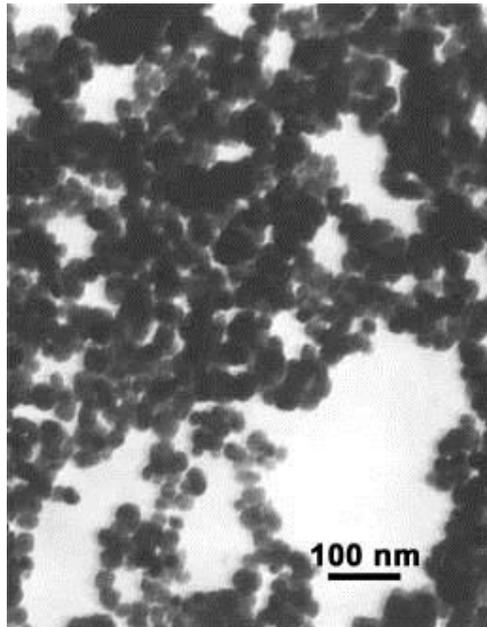
Ingredient name	gamma Iron(III)oxide, 99 %
CAS No.	1309-37-1
Empirical Formula	Fe ₂ O ₃
Molecular weight	159.69 amu
Purity	99 %
Average Particle Size	20-40 nm (from TEM)
Specific Surface Area	40-60 m ² /g
Colour	red brown
Morphology	spherical
True Density	5.1 g/cm ³
Melting Point	1565 °C

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3 TRANSMISSION ELECTRON MICROSCOPY



4 OTHER INFORMATION

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