

Technical Data Sheet

Silicon oxide powder

Date Issued: 2019-08-13

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

Product name	Silicon oxide powder
Product code	NO-0034-UP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Emergency telephone	+49 (0)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

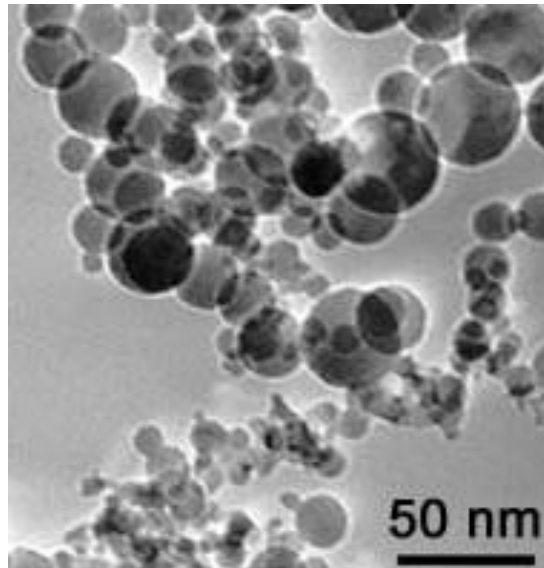
Ingredient name	Silicon dioxide
CAS No.	60676-86-0
Empirical Formula	SiO ₂
Molecular weight	60.09 amu
Purity	99.9%
Average Particle Size	20-60 nm
Specific Surface Area	400-600 m ² /g
Color	white
Morphology	spherical
Melting point	1610 - 1728°C
Boiling point	2230°C
True Density	2.2-2.6 g/cm ³
Bulk Density	0,0845g/m ³

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3 TRANSMISSION ELECTRON MICROSCOPY



5 OTHER INFORMATION

DISCLAIMER

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