

Technical Data Sheet

Chromium(III)oxide powder

Date Issued: 2019-08-14

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

| | |
|----------------------------|---|
| Product name | Chromium(III)oxide powder |
| Product code | NO-0018-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

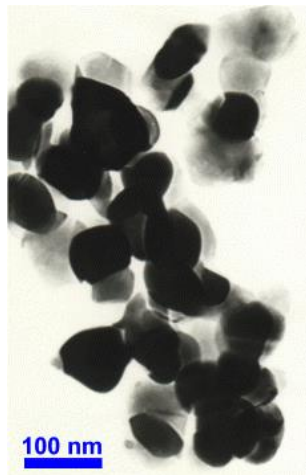
| | |
|--------------------------------------|---------------------------------------|
| Ingredient name | Chromium(III)oxide powder, Nanopowder |
| CAS No. | 1308-38-9 |
| Empirical Formula | Cr ₂ O ₃ |
| Molecular weight | 151.99 amu |
| Purity | 99+ % (ICP) |
| Average Primary Particle Size | 60 nm |
| Color | green powder |
| Morphology | nearly spherical |
| Bulk Density | ~0.95 g/cm ³ |
| True Density | 5.22 g/m ³ |

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3 TEM IMAGE



4 OTHER INFORMATION

DISCLAIMER

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