

# Technical Data Sheet

## Cobalt(II,III)oxide

Revision Date: 04/16/2024

Date Issued: 04/16/2024

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

<b>Product name</b>	Cobalt(II,III)oxide powder
<b>Product code</b>	NO-0002-UP
<b>CAS</b>	1308-06-1
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Fax</b>	+49 (0)7131 - 89839109
<b>Emergency telephone</b>	+49 (0)151-41255671

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Cobalt(II,III)oxide
<b>CAS No.</b>	1308-06-1
<b>Empirical Formula</b>	Co <sub>3</sub> O <sub>4</sub>
<b>Molecular weight</b>	240.80 g/mol
<b>Purity</b>	99.8+%
<b>Average Particle Size</b>	~ 30 nm (BET)
<b>Specific Surface Area</b>	> 40 m <sup>2</sup> /g (BET)
<b>Bulk Density</b>	-
<b>True Density</b>	6.11 g/cm <sup>3</sup>

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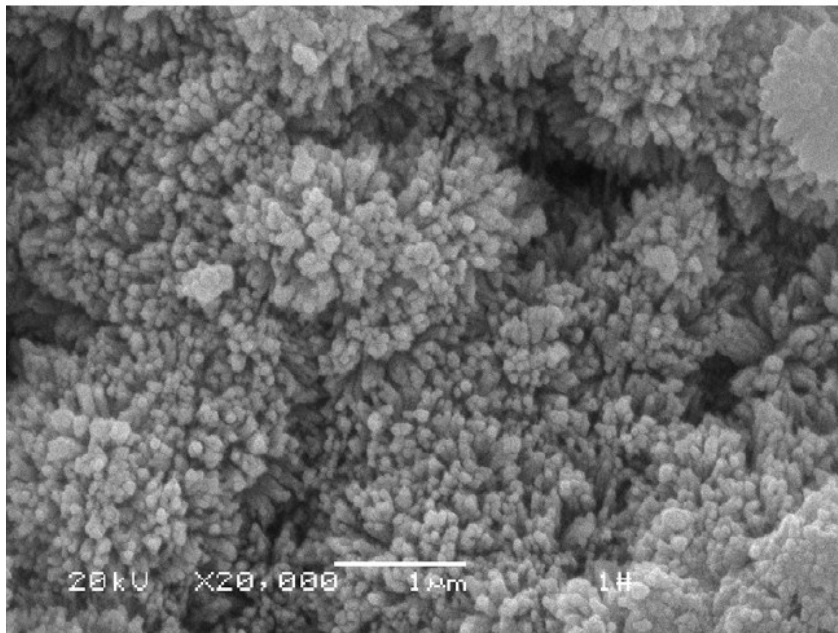
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**Melting point** >900°C

**Boiling point** -

### 3 SCANNING ELECTRON MICROSCOPY



### 4 OTHER INFORMATION

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