

## Technical Data Sheet

### Magnesium(II)oxide powder with Stearic Acid

Date Issued: 2019-08-14

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

<b>Product name</b>	Magnesium(II)oxide powder with Stearic Acid
<b>Product code</b>	NO-0048-HP
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Fax</b>	+49 (0)7131 - 89839109
<b>Emergency telephone</b>	+49 (0)176 - 84850874

#### 2 COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Magnesium(II)oxide
<b>CAS No.</b>	1309-48-4
<b>Empirical Formula</b>	MgO
<b>Molecular weight</b>	40.30 g/mol
<b>Purity</b>	99.9%
<b>Average Particle Size</b>	10-30 nm
<b>Specific Surface Area</b>	> 20 m <sup>2</sup> /g (BET)
<b>Surface Treatment</b>	Stearic acid
<b>CAS No.</b>	57-11-4
<b>Empirical Formula</b>	C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>
<b>Molecular weight</b>	284.48 g/mol

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#### 3 OTHER INFORMATION

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