


Specification

**Iron(III) Chloride 6-hydrate pure**

**141358**

<b>Solubility:</b>	920 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	141358
<b>Product Name:</b>	Iron(III) Chloride 6-hydrate pure
<b>Specifications:</b>	<p>Assay (iodometr.): 97 - 102 %</p> <p>Acidity: passes test</p> <p>P compounds (as PO<sub>4</sub>): max. 0.05 %</p> <p>Sulfate: max. 0.05 %</p> <p>Ca: max. 0.1 %</p> <p>Cu: max. 0.015 %</p> <p>As: max. 0.001 %</p> <p>Pb: max. 0.005 %</p> <p>K: max. 0.05 %</p> <p>Na: max. 0.1 %</p> <p>Zn: max. 0.01 %</p>
<b>Hazard pictograms</b>	
<b>UN:</b>	3260
<b>Class/PG:</b>	8/III
<b>ADR:</b>	8/III
<b>IMDG:</b>	8/III
<b>IATA:</b>	8/III
<b>WGK:</b>	1

**AppliChem GmbH**

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

Specification

**Iron(III) Chloride 6-hydrate pure**

**141358**

<b>Storage:</b>	< 20°C
<b>Signal Word:</b>	Danger
<b>GHS Symbols:</b>	GHS05 GHS07
<b>H Phrases:</b>	H302 H314 H412
<b>P Phrases:</b>	P260 P303+P361+P353 P305+P351+P338 P310 P321 P405 P501
<b>Molecular Formula:</b>	$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$
<b>M:</b>	270.32 g/mol
<b>CAS:</b>	10025-77-1
<b>EINECS:</b>	231-729-4
<b>CS:</b>	28273920

**AppliChem GmbH**

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340