

**Product Name****Iron(III) chloride hexahydrate****Grade: Laboratory****Synonyms**

Ferric chloride hexahydrate

**CAS Number**

10025-77-1

**General Information**

<b>Chemical formula:</b>	FeCl <sub>3</sub> · 6H <sub>2</sub> O	<b>Molar Mass:</b>	270.30 g/mol
<b>Appearance:</b>	Yellow solid	<b>Density:</b>	1.82 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	Soluble (20 °C)	<b>Melting point:</b>	37 °C
<b>Boiling point:</b>	280 - 285 °C	<b>Flash point:</b>	N/A
<b>Storage temp.:</b>	at +15 °C to +25 °C	<b>Cautions:</b>	Irritant, corrosive
<b>R:</b>	22-38-41	<b>S:</b>	26
<b>HS-No.:</b>	2827 33 000	<b>EC-Index-No.:</b>	231-729-4

**Hazard Symbol****Specification**

Assay (by iodometry)		98 - 102.0	%
Solubility		Conforms	
Sulfate (SO <sub>4</sub> )	≤	0.01	%
Heavy metals (as Pb )	≤	50	ppm
Iron II (Fe II)	≤	50	ppm
Identification (Iron)		Conforms	
Identification (Chloride)		Conforms	

**Ordering Information**

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
<b>Plastic</b>	412.05.01000.02	–	412.05.05000.02	412.05.10000.02	–
<b>Glass</b>	–	–	–	–	–