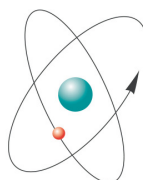


RESOURCE CHEMICAL LTD

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**RESOURCE**

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MATERIAL SPECIFICATION

Product Name: Ferric Chloride Solution
Product Code: 4240

Product is an iron salt in aqueous solution with a dark brown colour, composed of Ferric Chloride

Chemical Formula: FeCl₃
Concentration: 40 % ± 1
CAS: 7705-08-0
Einecs No: 231-729-4
Active Substance, FE3+ : 13.8 % ± 0.3 (2.46 mol/kg)
pH: < 1
Crystallisation temperature: -13°C

Parameter	Unit	Specification	Typical Analysis
FeCl ₃	%	40 ± 1	40.31
Fe ³⁺	%	13.8 ± 0.3	13.9
Fe ²⁺	%	< 0.3	0
Density	20°C	1.430 ± 0.025	1.428
Mn	mg/kg	≤ 560	250
Zn	mg/kg	≤ 50	16
Ni	mg/kg	≤ 50	26
Cr	mg/kg	≤ 50	21
Pb	mg/kg	≤ 13	2
Cd	mg/kg	≤ 1.5	< 0.7
As	mg/kg	≤ 2	< 0.7
Hg	mg/kg	≤ 0.15	0.04
Se	mg/kg	≤ 2	< 0.7
Sb	mg/kg	≤ 2	< 0.7

The product complies with the European standard EN 888 Type 2
The product complies with the British Standard BS EN 888 Type 2, level 2

The above information has been provided by the supplier and Resource Chemical Ltd accepts no responsibility for the correctness of any details.

Specification Date: Jan 2011
RCL Review Date: 19.11.14

Applications

Purification of drinking water

Phosphorous removal

Sludge dewatering

Pickling of printed circuits

Coagulation of waste water

Removal of sulphides (H₂S)

Decarbonation

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