

FERRIC CHLORIDE SOLUTION TYPE I

CHEMICAL NAME	Ferric Chloride ,Iron (III) Chloride
CHEMICAL FORMULA	FeCl ₃
MOLECULAR WEIGHT	162,22 gr / mol-gr

PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Unit	Specification
Appearance		Clear dark brown liquid
Ferric Chloride Content	%	40 ± 2
Ferrous Content	%	max. 2,5
Specific Gravity	gr/cm ³	1,43 ± 0,13
Insoluble matters	mg/kg of Fe (III)	max. 0,2
Manganase	m / m of Fe (III)	max. 1
Arsenic(Ar)	mg/kg of Fe (III)	max.20
Cadmium(Cd)	mg/kg of Fe (III)	max. 1
Chromium(Cr)	mg/kg of Fe (III)	max. 50
Mercury(Hg)	mg/kg of Fe (III)	max.0,3
Nickel(Ni)	mg/kg of Fe (III)	max. 60
Lead(Pb)	mg/kg of Fe (III)	max. 35
Antimony(Sb)	mg/kg of Fe (III)	max. 10
Selenium(Se)	mg/kg of Fe (III)	max. 10

Reference standard according to EN 888 2004 TYPE 1 USE

Potable water clarification and purification ,As coagulant in sewage and in Industrial waste water treatment ,In the textiles and metal industry

PACKING

In bulk on road tankers or in high density polyethylene containers