

PRODUCT DATA SHEET

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FERRIC CHLORIDE

TDS 001/R0
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FERRIC CHLORIDE is a liquid inorganic coagulant widely employed in clarification, colour removal, organics removal, phosphate, and heavy metal precipitation.

APPLICATION

FERRIC CHLORIDE is used, in a wide range of applications including coagulation of raw and effluent waters and the precipitation of phosphate in sewage treatment. FERRIC CHLORIDE has been approved by NSF/ANSI/CAN 60 for the treatment of potable water at dosages up to 250 mg/l. It can be used alone or in combination with a polyelectrolyte coagulant, i.e. ULTRAFLOC5110, for floc enhancement.

FERRIC CHLORIDE generally exhibits an optimum pH band and it is important to determine this for optimum efficiencies. The product is normally dosed undiluted using corrosion resistant positive displacement pumps.

TYPICAL PROPERTIES

Appearance :	Dark Orange to Brown solution
FeCl ₃ (% m/m) :	42.5 - 43.5
FeCl ₃ (% m/m) :	0.5% max
SG lat 20°C) :	1.45 min
Hydrochloric Acid (% m/m) :	1.0 max

TECHNICAL SERVICE

The Specialities division has a team of technical experts who will undertake all the necessary investigations and trials to ensure that you obtain the most effective treatment solutions. To ensure the best results are achieved optimum product dosage and ideal plant conditions are required.

OTHER PRODUCTS

NCP Chlorchem specialises in a wide range of products. The range includes:

POLYAMINES	FERROUS CHLORIDE
POLYDADMACS	CAUSTIC SODA LYE (NaOH)
ALUMINIUM CHLOROHYDRATE	HYDROCHLORIC ACID
ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS	SODIUM HYPOCHLORITE
ALUMINIUM CHLOROHYDRATE/POLYDADMAC BLENDS	
FERRIC CHLORIDE	