



PRODUCT DATA SHEET

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FERRIC CHLORIDE

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 Standard 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. ULTRAFLOC 5110, 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 ₂ (% m/m)	:	0.5% max
SG (at 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; POLYDADMACS; ALUMINIUM CHLOROHYDRATE; ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS; ALUMINIUM CHLOROHYDRATE/POLYDADMAC BLENDS; FERRIC CHLORIDE; FERROUS CHLORIDE; PATENTED FERRIFLOC RANGE; CAUSTIC SODA FLAKES; CAUSTIC SODA LYE (NaOH); HYDROCHLORIC ACID; SODIUM HYPOCHLORITE.

For further information or assistance, contact: *NCP Chlorchem (Pty) Ltd*
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