



# PRODUCT DATA SHEET

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### FERROUS CHLORIDE

FERROUS CHLORIDE is a liquid inorganic coagulant primarily used in phosphate and heavy metal precipitation/removal and organics removal.

#### APPLICATION

FERROUS CHLORIDE is used in a wide range of applications including coagulation of raw and effluent waters, precipitation of phosphate in sewage treatment, precipitation of heavy metals and chrome (VI) reduction. FERROUS CHLORIDE can be used alone or in combination with a polyelectolyte coagulant, i.e. ULTRAFLOC 5000, for floc enhancement.

FERROUS 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 Green/Brown aqueous solution
Total Iron (%m/m)	:	12.0 -14.0
Fe <sup>2+</sup> (%m/m)	:	10% min
SG (at 20°C)	:	1.30 min

#### 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

The Specialities division of **NCP Chlorchem** specialises in water treatment and offers a wide range of products to help you obtain the purest and most cost effectively treated water.

The Specialities range includes:

POLYAMINES

DADMACS

ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS

FERRIC CHLORIDE

FERROUS CHLORIDE

PATENTED FERRIFLOC RANGE

ALUMINIUM CHLOROHYDRATE

For further information or assistance, contact: **NCP Chlorchem** Specialities Division

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