

PRODUCT DATA SHEET

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ULTRAFLOC 5100

TDS 009/R0
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ULTRAFLOC 5100 is a high molecular weight liquid cationic polyelectrolyte used as a primary coagulant, coagulant aid or flocculant in solid-liquid separation processes.

APPLICATION

ULTRAFLOC 5100 is used primarily for the clarification of raw and effluent waters and is effective over a wide range of turbidities and pH conditions. It yields strong, fast settling flocs and a compact sludge. ULTRAFLOC 5100 has been approved by NSF/ANSI/CAN 60 for the treatment of potable water supplies at dosages up to 10 mg/l.

ULTRAFLOC 5100 can be dosed as product with in line dilution or made up to a convenient stock solution and dosed at a rate determined by jar tests. Dosages will depend on the application with best results obtained by dosing diluted product into maximum turbulence and maximising the conditioning time.

TYPICAL PROPERTIES

Appearance :	Clear solution
Colour :	Yellow to Amber
SG (at 25°C) :	1.14-1.16
pH (as is at 25°C) :	2.5-7.0
Viscosity (cps at 25°C) :	500-1000

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	