

# UltraPAC<sup>®</sup>580CV

## Liquid Cationic Mannich Polymer

UltraPAC<sup>®</sup>580CV

Technical Data Sheet

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UltraPAC<sup>®</sup>580CV is a cationic, high viscosity, low solids, high molecular weight Mannich polymer. It is effective as a coagulant/flocculant in waste water clarification. It is also beneficial in offshore waste and sludge dewatering applications.

Technical Data	Typical Properties
Appearance	Viscous, Clear Liquid
Odor	Amine
Product Viscosity @ 25°C	20,000 - 30,000 cps
Density	8.5 lbs/gal
Flash Point	None
Boiling Point (°C @ 760 mm Hg)	>100°C
Freezing Point (°C)	<0°C
pH, Neat (as is)	10.0 - 11.0
Shelf Life	Three (3) Months

## Handling, Storage and Feeding

UltraPAC<sup>®</sup> 580CV should be transferred only in well-ventilated areas. As with all chemicals, care should be taken during transfer and appropriate protective equipment should be worn. Clean up spills immediately using inert absorbent materials such as clays, sand, earth or other commercially available dry sweeping compound. The product will cause a significant slip hazard. Store it in fiberglass, stainless steel or plastic lined vessels located in a cool area. However, avoid storage temperatures below freezing, since this product may stratify. UltraPAC<sup>®</sup> 580CV is shipped either in bulk, in 55-gallon (208 liters) non-returnable drums, or in 275-gallon / 330-gallon plastic totes. Use corrosion resistant, positive displacement pump to meter the neat product to a clean water line/solution tank for continuous dilution to 1% to 5% before application. Feed the diluted product or, in some cases, neat product at a point which ensures complete mixing.

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