

UltraFloc 518

Liquid Cationic Polymer

UltraFloc 518

Technical Data Sheet

UltraFloc 518 is a highly cationic, medium to high viscosity, high molecular weight Poly-quaternary amine. It is effective as a coagulant/flocculant in raw water/waste water clarification. It is also beneficial as a filter aid in treating raw water/waste water. UltraFloc 518 is certified to NSF/ANSI Standard 60 up to 20 mg/L in potable water.

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Technical Data	Typical Properties
Appearance	Viscous, Amber-Colored Liquid
Odor	Amine
Product Viscosity @ 25°C	4,000 - 9,000 cps
Density	9.5 lbs/gal
Flash Point	None
Boiling Point (°C @ 760 mm Hg)	>100°C
Freezing Point (°C)	< 0°C
pH, Neat (as is):	4.0 - 5.0
Shelf Life:	One Year

Handling, Storage and Feeding

UltraFloc 518 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 may cause a 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. UltraFloc 518 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 water line for continuous dilution to 0.5% or less before application. Feed the diluted product or, in some cases, neat product at a point which ensures complete mixing, such as prior to the rapid mix zone.

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