

# ProFloc™-C

Coagulant

ProFloc™-C is a coagulant for improving significantly the efficiency of the removal of colloidal particles and dissolved polymers by multi-media filters. This formulation contains a high molecular weight organic polymer. It is to be injected ahead of the multi-media filters.

## Product Benefits:

- Compatible with Pretreat Plus®-0100 and Protec™ RO.
- Coagulates colloidal particles and dissolved polymeric organic and inorganic matter.
- Optimal dosages are controllable by zeta-potential measurements of treated water.
- King Lee Technologies can determine optimal dosages by a water sample.
- Increases resistance to breakthrough of particles in filtration.
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- Certifiable under ANSI-NSF Standard 60 for drinking water production.

SPECIFICATIONS	
Appearance:	Clear to light yellow liquid
pH:	5-7
Specific Gravity:	1.04

PROPERTIES	
Viscosity (25°C)	120 cp
Minimum Storage Temp:	0°C ( )

## Application:

ProFloc™-C must be added prior to the multi-media filters at minimum necessary dosages, and allowing coagulation process to occur. Excess coagulant can be removed with filtration through activated carbon.

## Dosing Recommendations:

Typical dosage range is between 0.5–10 ppm. Over and under dosing may decrease filtration efficiency. For assistance, 1 gallon water samples may be sent to King Lee Technologies for determining optimum dosage.

## Precautions

Many antiscalants and antifoulants contain organic polymers and ionic species that readily coagulate with ProFloc™-C and would cause severe fouling of membranes. ProFloc™-C should be used in conjunction with Pretreat Plus®-0100, Pretreat Plus®-Silica or Protec™-RO as antiscalant/antifoulants. These three products would provide a wide range of protection for the downstream membranes and are specially designed for use with ProFloc™-C.

## Packaging:

Standard pails, drums, and totes.

\*SDS available upon request at [klt@kingleetech.com](mailto:klt@kingleetech.com)