



Product Bulletin

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POLY-FLOC 108
HIGH MOLECULAR WEIGHT, VERY HIGH CHARGE DENSITY
CATIONIC POLYACRYLAMIDE

APPLICATION

POLY-FLOC 108 is a cationic flocculant which is very effective in many solid-liquid separation processes. POLY-FLOC 108 has been particularly effective for clarification and for sludge conditioning in municipal and industrial waste treatment operations.

POLY-FLOC 108 is a cationic polymer which performs in the pH range 2.5 to 12.0.

STORAGE

Recommended solution concentrations:

- Stock Solution 0.5 - 1.0% Maximum
Feed Solution 0.1 - 0.2% Maximum

Recommended storage periods:

- Mixtures Stored up to 6 Months
Stock Solution up to 2 Days

Storage should be in a heated building.

SOLUTION PREPARATION

Solutions can be prepared by direct addition of the required quantity of liquid to water, between 40°F and 10°F.

The following procedure is recommended:

Fill the mix tank half full with water, above the agitator blades. Add the required amount of liquid into the vortex of the tank, and fill the tank with the remaining makeup water, while stirring.

Polymer spilled on floors is very slippery and difficult to "hose down." It is difficult to mop up as much as possible and the remaining thin film absorbed with a solid material such as a sweeping compound. Alternatively, the area may be hosed down after most of the polymer has been removed.

POLY-FLOC 108 may be stored in glass, stainless steel, or plastic vessels. Plastic or epoxy lined containers are also suitable. Aluminum and iron equipment should not be used in storage or feed systems.

PHYSICAL PROPERTIES

- Appearance.....Milky White Emulsion
Density at 77°F.....8.6 ± 0.1 lbs/gallon
Viscosity at 80° F.....500 - 1000 cps
Activity.....45%
Charge Density.....79%
Freeze Point.....10°F

Seller Warranty

CH2O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions.

Applies to all products sold by CH2O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH2O products is subject to the Standard Terms and Conditions as listed on CH2O, Inc.'s website at: www.ch2o.com.

