



8820 Old Hwy 99 SE, Tumwater, Washington 98501, USA
360-943-6063 800-562-6184 FAX 360-352-4813 www.ch2o.com



POLY-FLOC 30

AN EFFECTIVE FLOCCULANT FOR WATER CLARIFICATION

APPLICATION

POLY-FLOC 30 is an inorganic liquid flocculant that can be used for water clarification. It is effective for clearing muddy water caused by colloidal clays, or other solids in the water.

Application rates are recommended from 50 to 100 pounds per acre-foot of water, depending upon the concentration of suspended solids. The first treatment should be made at 50 pounds per acre-foot of water; if the solids don't start settling within 24 hours, it may be best to add another 50 pounds per acre-foot of water. Jar testing will determine a more exact dosage.

This product can reduce the pH and alkalinity of pond water due to its acidity. For this reason, pH and alkalinity should be tested before treatment. Alkalinity should not be below 75 mg/l and pH should not be below 7.0. When readings are found to be below these levels, use hydrated lime to buffer the water to the proper levels.

SAFETY & HANDLING PROCEDURES

As with all chemicals, wear chemical resistant gloves and eye protection when handling, moving or using this product. This is not a respiratory irritant; no unusual precautions are necessary when handling.

STORAGE

Aluminum, copper, brass, zinc, and iron equipment should not be used in storage or feed systems. **POLY-FLOC 30** may be used alone or in conjunction with other polymers for improved clarification.

Consult your CH₂O Water Treatment Specialist for additional details.

PHYSICAL PROPERTIES

pH of 1% Solution	2.0 – 2.5
Pounds per Gallon.....	10.8-11.3
Physical Appearance.....	Amber Liquid
Odor.....	None
Flash Point.....	N/A

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. CH₂O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

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.



VERSION DATE: October 24, 2011

