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# POLY-FLOC 50

## AN EFFECTIVE COAGULANT FOR WATER CLARIFICATION

### APPLICATION

**POLY-FLOC 50** is an inorganic liquid coagulant that can be used for water clarification. It is effective for clearing muddy water caused by colloidal clays, or other solids in the water. **POLY-FLOC 50** may be used alone or in conjunction with other polymers for improved clarification.

**POLY-FLOC 50** is highly charged, enabling less product to do more. Advantages over other coagulants include the following: reduced sludge; superior finished water quality; improved performance in cold water; and minimized pH adjustment.

**POLY-FLOC 50** is a versatile, multi-purpose coagulant suitable for a wide array of applications.

**POLY-FLOC 50** should be fed straight without dilution. A diaphragm metering pump of non-corrosive material is suitable.

### STORAGE

Aluminum, copper, brass, zinc, and iron equipment should not be used in storage or feed systems.

Consult your CH<sub>2</sub>O, Inc. Water Treatment Specialist for additional details.

### 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.

### PHYSICAL PROPERTIES

pH of 1% Solution .....	2.0 – 2.5
Pounds per Gallon .....	11.0 – 12.0
Physical Appearance .....	Lt. Yellow Liquid
Odor .....	Mild
Flash Point .....	N/A

### Seller Warranty

CH<sub>2</sub>O 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. CH<sub>2</sub>O 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 CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.'s website at: [www.ch2o.com](http://www.ch2o.com).



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