



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

Product Bulletin

SEA FRESH POTABLE WATER TREATMENT

APPLICATION

Natural water sources are corrosive to metal and contain dissolved minerals such as calcium magnesium, iron and manganese.

These minerals can precipitate in distribution lines and water heaters to reduce system flow and efficiency. Certain minerals cause unsightly build-up and staining of fixtures. In some instances, hydrogen sulfide, or other natural compounds may be present, which impart undesirable taste and odors.

In turn, **SEA FRESH** has the ability to "tie up" calcium and magnesium to help prevent troublesome scale deposits. Additionally, **SEA FRESH** reacts with iron and manganese to reduce staining and fouling.

SEA FRESH provides a combination of ingredients to "tie up" minerals, which helps prevent troublesome scale deposits, and control iron stains. Additionally, the unique oxidizing agents in **SEA FRESH** can substantially reduce odors caused by hydrogen sulfide gas.

SEA FRESH is certified by NSF to meet ANSI/NSF Standard 60 at feed rates up to 150 mg/l (of product). The combination of sequestering and oxidizing ingredients are specifically designed for potable water systems, and will be useful in a wide range of other water systems such as poultry, dairy, egg washing, and greenhouses.

CONTROL

Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. In addition to monitoring and maintaining treatment levels, it is the customer's responsibility to ensure the product is fit for its intended application.

CONTROL (Cont)

Additional testing may be performed upon request.

Maintain a residual of 0.5 to 2.0 parts per million of total phosphate. Consult your CH₂O Sales Representative for further testing information.

SAFETY & HANDLING PROCEDURE

This product is alkaline. Chemical splash goggles and impervious gloves should be worn during all handling of the concentrate. Eye contact will cause severe irritation with possible burns. Refer to the Material Safety Data Sheet for further safety and handling procedure. This product contains a chemical that is degraded by heat and exposure to UV light (sunlight). Product should be stored inside, out of sunlight exposure, unless the container is open, and the product is on-line and in use.

FEEDING TECHNIQUE

Pump directly from the shipping container into water supply line of the system. Alternatively, pump from a chemical dilution and feed tank.

DOSAGE

Chemical addition should be continuous to provide an even product concentration. Use at the rate of 4 to 14 fluid ounces per 1000 gallons of water to be treated.

Use only with compatible operating equipment. A control test is necessary for individual applications. Customers shall set treatment levels based on their control test results.

PHYSICAL PROPERTIES

pH of 1% Solution	8.0 – 10.0
Pounds per Gallon	8.5 – 9.0
Physical Appearance	Clear Liquid
Odor	Mild
Flash Point	NA

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.



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