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FILTRON B LIQUID, CHLORINATED MEMBRANE CLEANER

APPLICATION

Many types of modern ultra-filtration membranes are routinely clogged by the organic materials and protein found in the food substances being processed. Regular cleaning of UF membranes is needed to ensure good permeate flow-rates and low back-pressures.

FILTRON B is an alkaline, chlorinated liquid that has been designed for use as a membrane cleaner in dairy and food processing plants. Many UF membranes cannot tolerate chlorinated cleaners. Consult with the membrane manufacturer for additional details before using this product.

FILTRON B is approved for use in food processing plants where FDA regulations apply.

SAFETY & HANDLING PROCEDURE

This is a moderately alkaline product. Contact with skin will cause burns. Protective clothing and safety equipment must be worn when handling this product. Read the product label and MSDS sheet for complete handling instructions before using this product.

DOSAGE

Contact your CH₂O representative for assistance in selecting mixing equipment for making cleaning solutions from concentrated products.

FEEDING TECHNIQUE

After **FILTRON B** is completely diluted in water, heat may be applied to warm the cleaning solution to the desired temperature.

- Add **FILTRON B** at the rate of 1.5 gallons per 1000 gallons of water to make a use-solution of 0.15% for use on UF membranes.
- Add **FILTRON B** at the rate of 10 gallons per 1000 gallons of water to make a use-solution of 1.0% for use on RO membranes, to 1.0%. Consult your CH₂O representative for additional details.

CONTROL

Do not exceed 0.05% causticity, or 45 ppm chlorine on UF membranes, and do not exceed 0.2% causticity, or 300 ppm chlorine on RO membranes.

Analytical 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. Additional testing may be performed upon request.

For information about times and temperatures of UF cleaning cycles, contact your CH₂O representative.

PHYSICAL PROPERTIES

pH of 1% Solution>12
 Physical Appearance Light Yellow Liquid
 Odor Slight Chlorine
 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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