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FILTRON 75

ACID DETERGENT FOR CLEANSING

ULTRA FILTRATION/REVERSE OSMOSIS MEMBRANES

TYPICAL APPLICATION

Mineral (inorganic) scale foulants are often encountered in ultra filtration/reverse osmosis (UF/RO) systems. When these deposits build up on the membrane surfaces they cause loss of permeate flow and/or increased salt passage of UF/RO sepralators. In addition, the polymer integrity of the membrane may be altered. A build-up of deposits may also cause increased differential pressure across a sepralator or sepralator housing.

FILTRON 75 is an acid detergent used for cleaning UF/RO membrane systems in the dairy, juice and food processing industries.

The product contains phosphoric and nitric acids; check with membrane manufacturer to insure compatibility before use. Misapplication of product could result in premature membrane failure.

Concentrated

FILTRON 75 is a concentrated liquid cleaner that can be readily diluted with water and fed through commercially available pump systems.

Low Foaming

FILTRON 75 has been formulated to produce a very low level of foam at use-dilutions so as to facilitate free-rinsing of membranes.

Packaging

FILTRON 75 is available in either 55-gallon polyethylene drums, or intermediate bulk containers upon special request.

GENERAL USE DIRECTIONS

It is recommended to clean membranes with the proper alkaline cleaner before using **FILTRON 75**.

1. Dilute **FILTRON 75** to yield a 0.30 or 0.40 percent solution for use on RO membranes, such as AFC-99.

or

2. Dilute **FILTRON 75** to yield a 0.10 to 0.15 percent solution for use on UF membranes, such as FP-200.

SAFETY & HANDLING

FILTRON 75 is a highly acidic product. Complete safety gear, including safety goggles and impervious gloves, should be worn to minimize exposure to product solutions. Refer to the material safety and handling instructions before using **FILTRON 75**.

PHYSICAL PROPERTIES

Physical Appearance..... Light, Yellowish Liquid
OdorPungent
Foam Low
Rinsing Ability..... Excellent
pH of Use Solution 1.0-2.0
Specific Gravity 1.35

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 directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. 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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