

## C – 10 Series Membrane Cleaner

**AXEON C – 10 Series Membrane Cleaner** is a low pH powdered cleaner that gently and effectively removes inorganic scalant such as calcium carbonate and metal hydroxides from the surface of the membrane. Used in a program that includes an alkaline cleaner for organics and particulate removal, **AXEON C – 10 Series Membrane Cleaner** provides excellent foulant removal resulting in longer system run times and increased membrane life expectancy.



### Benefits

- Readily Dissolvable Powdered Cleaner Provides Efficient Shipping and Handling
- Phosphate-Free Formula to Reduce Negative Impact on the Environment
- Buffered pH to Maintain Optimum Cleaning Performance Throughout Cleaning Cycle

### Technical Specifications

#### Liquid\*

- Appearance: White Powder
- pH (1% in water): 2.5 – 3.5

#### Packaging

- Powder: 4 Pounds, 25 Pounds, 45 Pounds

\* For further details on proper dosage, please refer back to the product label. SDS available upon request.

Part Numbers	Description
206716	CHEMICAL, CLEANER, LOW pH, 4 LBS, C – 10, AXEON
206717	CHEMICAL, CLEANER, LOW pH, 25 LBS, C – 10, AXEON
206718	CHEMICAL, CLEANER, LOW pH, 45 LBS, C – 10, AXEON

### Mixing and Application Instructions

1. Inspect all cleaning system components to include CIP tank, hoses and cartridge filters. Flush or replace if necessary. Fill cleaning tank with reverse osmosis permeate or DI water. Turn on agitator or tank recirculation pump.
2. Slowly add C – 10 to cleaning tank (1 pound [0.45 kg] of C – 10 for every 12 gal [45 L] of water) and mix thoroughly. The solution pH should match product specification. The solution should be heated up to 45°C to improve cleaning efficacy.
3. Circulate solution in the same direction as the feed flow. Typical circulation times are 30 – 90 minutes.† Maximum flow rate per pressure vessel is 40 gpm (152 lpm) for 8 – inch elements and 10 gpm (38 lpm) for 4 – inch elements. Maximum pressure for cleaning is 60 psi (4.2 kg / cm<sup>2</sup>).
4. In cases of heavy fouling, divert the first 10 – 20% of cleaning solution to drain to prevent redeposition of removed solids.
5. Rinse with reverse osmosis permeate before returning system to service. When returning unit to service, divert product water to drain until any residual cleaning solution has been rinsed from system.

† Depending on the nature of the fouling, a soak period may be necessary for optimum results.

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