

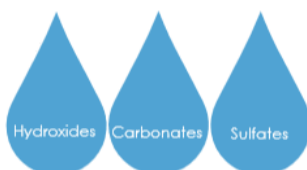
Supraclean 8812 – Powdered, Acidic Cleaner for Membranes

Product Description

Supraclean 8812 is an EDTA/phosphate-free low pH (acidic) powdered cleaner developed to lower negative impacts on the environment while maintaining aggressive cleaning action. To remove metal hydroxides, carbonates, sulfates, calcium phosphates and other similar scales. Supraclean 8812 is ideal for situations where broad spectrum scale removal is required.

- Phosphate-free formula to reduce negative impact on the environment
- EDTA surrogate utilized to improve bio-degradability
- Buffered pH to maintain optimum cleaning performance throughout cleaning cycle
- Compatible with RO, NF, MF and UF membranes from all major manufacturers.
- Remove metal hydroxides, carbonates, sulfates, calcium phosphates and other similar scales.
- To chelate and remove oxides of iron and aluminum from the membrane surface

Effectively Removes



Specifications

Appearance : Powder
Product pH (neat) : 2.5 – 4.0



Usage And Application Instructions for Supraclean 8812

The standard dilution ratio is 40 grams of 8812 per liter of water.

1. Inspect all cleaning system components to include CIP tank, hoses, and cartridge filters. Flush or replace if necessary.
2. Fill cleaning tank with RO permeate or DI water. Turn on agitator or tank recirculation pump.
3. Slowly add Supraclean 8812 to cleaning tank 40 grams of 8812 for every 1 liter of water and mix thoroughly.
4. The solution should be heated up to max. 40°C to improve cleaning efficacy. Do not exceed the membrane manufacturer's temperature limits.
5. Circulate solution in the same direction as the feed flow. Typical circulation times are 30-90 minutes.
6. Maximum flow rate per pressure vessel is 152 Lpm for 8-inch elements and 38 Lpm for 4-inch elements. Maximum pressure for cleaning is 60 psig.
7. In cases of heavy fouling, the first return flow (up to 15% of the cleaning tank volume) should be diverted to drain to prevent redeposition of removed solids.
8. Rinse with RO 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.

Handling

Avoid spilling, skin and eye contact. Observe good chemical hygiene practices.

Please read the label and Material Safety Data Sheet before handling this product.



Logistics

Packaging
10 kg (net weight) Plastic drums

