

Supraclean 4412 – Powdered, Alkaline Cleaner for Membranes

Product Description

Supraclean 4412 is an aggressive high pH (alkaline) powdered cleaner combining select dispersants, oxidants, and builders effective on a wide range of foulants

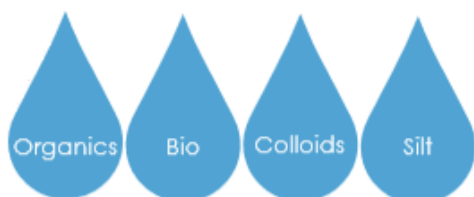
- Formulated to target organic, microbiological, particulate and other acid insoluble foulants, Supraclean 4412 helps optimize membrane filtration module cleanings
- Ideal for municipal reuse, surface water, and other high loading applications
- Vigorous removal of membrane foulants
- 4412 can also be used to improve CEB and CIP cleaning
- To aid in the removal of organic, biological, and colloidal material
- Compatible with RO, NF, MF and UF membranes from all major manufacturers.

Usage And Application Instructions for Supraclean 4412

The standard dilution ratio is 25 grams of 4412 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. The solution should be heated up to max. 40°C to improve cleaning efficacy. Do not exceed the membrane manufacturer's temperature limits.
4. Circulate solution as per the MF/UF module manufacturer recommended procedures
5. Flush the system with MF/UF filtrate
6. Static soaking heavily fouled membranes is recommended. After soaking recirculate again for a minimum of 30 minutes. Rinse systems prior to system start-up
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.

Effectively Removes



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.



Specifications

Appearance : Powder
Product pH (neat) : 12.0 – 12.5



Logistics

Packaging
10 kg (net weight) Plastic drums

