TRICLEAN 212TF HIGH PH POWDER CLEANER

- Used to remove biological, organic, and colloidal fouling on Polyamide Composite membrane.
- Effective for emulsified oil and silica

PROBLEM

In many installations worldwide, polyamide composite RO and NF membranes can become fouled with biological, organic, and colloidal foulants. These foulants can quickly lead to a loss of system performance associated with a decrease in permeate flow, and increase in differential pressure, and a loss of element rejection. If left unchecked, this fouling can permanently damage the membrane elements leading to costly and premature membrane replacement.

SOLUTION

TriClean 212TF removes biological, organic, and colloidal foulants without damaging sensitive polyamide composite membrane elements.

APPLICATION

TriClean 212TF should be mixed in a cleaning tank equipped with a mechanical mixer, heater, low pressure recirculation pump, and cartridge or bag filter. This cleaner works best when applied at a flow rate of 8-10 gpm per 4" pressure tube or 30-40 gpm per 8" pressure tube at a pressure of between 20-50 psi at a pH of 11.5. (For silica, use at a pH of 12. Use caution as pH's above 12 may damage membrane) Add 2 lbs of TriClean 212TF per 15 gallons of RO permeate or DI water. Recirculate solution for 1 hour checking pH regularly. Use sulfuric acid to lower pH and add additional TriClean 212TF to increase pH. Shutdown pump and allow to soak for 1 hour. After soak, recirculate for an additional 20 minutes and then rinse. This solution should be used after a low pH cleaning with TriClean 210, except for emulsified oil fouling in which case the order should be reversed.

PACKAGING

TriClean 212TF is shipped as a powder in 4 lb, 10 x 4 lb, 40 lb, and 100 lb plastic containers. Pricing is F.O.B. our factory in Goleta, CA. Delivery for most orders is 1-2 days after receipt of order.

MSDS SHEETS

For the most up to date information on MSDS sheets, please contact our web site at www.trisep.com