



TRICLEAN 214CA LIQUID HIGH PH CLEANER

- Used to remove biological, organic, and colloidal fouling on CA membrane.

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 214CA is a liquid version of TriClean 212CA for applications where handling of powdered cleaners is not desirable. TriClean 214CA is buffered to a pH of 7.8 to prevent hydrolysis of CA membranes while removing biological, organic, and colloidal foulants.

APPLICATION

TriClean 214CA 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 7 to 7.8 for CA membranes. Add 3 gallons of TriClean 214CA per 100 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 214CA to increase pH. Shutdown pump and allow to soak for 1 hour. After soak, recirculate for an additional 20 minutes and then rinse.

PACKAGING

TriClean 214CA is shipped as a liquid in 5 gallon plastic pails and 55 gallon plastic drums. 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