



MARINE CARE

CARECLEAN ALKALINE RO-CLEANER

**Powerful unique RO Membrane cleaner
replacing harsh alkaline cleaners**

Biodegradable

Compatible with
wide range of RO
membranes

Harmless

DESCRIPTION

Careclean Alkaline RO-Cleaner is unlike any other alkaline cleaning agents on the market today. Its superior properties comes from the mixture of compounds that removes and dissolves hardness salts, emulsifies grease and organics and prevents bacterial growth. This extreme cleaning power comes with a triple zero HMIS score. This makes Careclean Alkaline RO-Cleaner a safer product. Careclean Alkaline RO-Cleaner is used to effectively remove organic substances, microbial slimes, calcium, barium and strontium sulfate, calcium fluoride as well as iron, hydroxides and calcium carbonate.

ADVANTAGE

Careclean Alkaline RO-Cleaner does not contain butyl glycol, is non-corrosive, non regulated and readily biodegradable per OECD 301D. Any cleaning that once required the use of dangerous caustics or flammable solvents can now be done in a safe and green manner.

Safer than most existing products

Easy to use, neat or diluted

High performance on a variety of scales

Application

Reversed osmosis (RO) membrane cleaning

Ultra filtration (UF) membrane cleaning



APPLICATIONS / DIRECTIONS FOR USE

Caretreat Antiscalant WT[®] RO⁺ has to be dosed in the systems feedwater line at a dosingrate of 2 - 5 ppm (mg/l) based on the feedwater flow. The dosing pump should be started/stopped simultaneously with the high pressure RO pump or feedwater pump.



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DIRECTIONS FOR USE

Reversed osmosis (RO) membrane cleaning:

For the cleaning of organic fouling and metal complexes from RO membranes, Careclean Alkaline RO-Cleaner can be safely applied. Use a 1 - 5 % solution to circulate over the membrane(s), for 15 - 120 minutes depending on the fouling rate. The solution should be made with permeate or on other high quality water. Flush the membranes thoroughly with high quality water.

Ultra filtration (UF) membrane cleaning:

For the cleaning of organic fouling and metal complexes, from UF membranes, Careclean Alkaline RO-Cleaner can be safely applied.

Back flushing:

Use a 1 - 2 % solution to backflush the UF membrane(s). The solution should be made with permeate or on other high quality water.

Circulation:

Use a 1 - 5 % solution to circulate over the membrane(s), for 15 - 120 minutes depending on the fouling rate. The solution should be made with permeate or on other high quality water. Flush the membranes thoroughly with high quality water.

DILUTIONS

General circulation cleaning	1 - 5 % solution
Back Flushing	1 - 2 % solution

PROPERTIES

Flashpoint	None
Physical state	Liquid

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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