

RO systems create salt-concentrated water streams that could produce scale or fouling, while the narrow feed water channel found in the spiral wound and hollow fibre elements accentuate scaling and fouling.

EnviCARE antiscalants are designed to eliminate scale and reduce fouling in membrane systems, regardless of the feed water source.

EnviKlean membrane cleaners ensure maximum element life and restore flux rates close to that of new membranes.

EnviBio range of non-oxidizing biocides are highly effective in prevention and reduction of algae, fungus and microbial growth on various types of membranes.

FEATURES

- Effectively controls scales, including calcium carbonate, calcium sulfate, barium sulfate, strontium sulfate, calcium fluoride, iron, colloidal material, silica, and other organic and inorganic contaminants
- Special products to treat exceptionally high levels of iron and silica available
- Prolongs membrane life and improves recovery rates
- Compatible with most leading RO membranes
- NSF/ANSI 60 certified products also available
- Inherently stable at extreme pH and temperature
- Reduced need to handle sulfuric or hydrochloric acid
- High efficiency of antiscalants leading to lower operating costs
- Available in liquid form with high concentration, thereby reducing consumption
- Available in 25, 35, 50 litre batches

APPLICATIONS

- RO membranes for both brackish and sea water
- RO membranes for feed water with high silica, iron, fluoride

ANTISCALANTS

| MODEL | USAGE CONDITIONS |
|--------------|--|
| EnviCARE1001 | General antiscalant |
| EnviCARE2001 | Silica up to 120 ppm, Iron up to 2.5 ppm |
| EnviCARE3001 | Alkaline antiscalant |
| EnviCARE4001 | High sulphate and fluoride |
| EnviCARE5001 | High silica (120-200 ppm), sulphate & Iron up to 3 ppm |
| EnviCARE6001 | High TDS with 80 – 85% recovery |
| EnviCARE7001 | High TDS in reject with 250 ppm Silica, 5 ppm Iron Oxide, 4 ppm Calcium Fluoride |
| EnviCARE11 | Membrane flushing chemical to reduce cleaning cycle |

MEMBRANE CLEANING CHEMICALS

| MODEL | USAGE CONDITIONS |
|----------------|--|
| EnviKlean – LP | Low pH membrane Cleaner |
| EnviKlean – HP | High pH membrane Cleaner |
| EnviKlean – SI | Acidic Silica Cleaner, can be mixed during Low pH Cleaning |

BIOCIDES

| MODEL | USAGE CONDITIONS | FORM |
|-----------|-------------------------------|--------|
| EnviBio01 | Membrane preservation | Liquid |
| EnviBio02 | Microbiological control | Powder |
| EnviBio03 | Microbiological contamination | Powder |

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