



M-430 ANTISCALANT

FOR
REVERSE OSMOSIS
DESALINATION PLANTS

Application:

- Seawater desalination

Highlights:

- Special for sea water treatment





M-430 ANTISCALANT

GENERAL DESCRIPTION

M-430 is a liquid antiscalant for reverse osmosis systems specifically designed for sea water applications.

PRODUCT BENEFITS

- ✓ Prevents silica and hardness salts formation and increases system efficiency
- ✓ Eliminates acid usage and provides a safe working environment
- ✓ Contains active ingredients for sludge formation prevention and increases membrane cleaning range
- ✓ Effective at low dosages
- ✓ Compatible with all membrane types
- ✓ Easy and safe to use
- ✓ Especially designed for membranes functioning with seawater
- ✓ Complies with NSF up to 15 ppm
- ✓ Enhanced formula prevents activity loss during long term storage and usage

DOSAGE & FEEDING

The OSMOTEC computer software will define the optimum chemical requirement for any given water quality. While calculating dosage rates membrane manufacturer's limits, product capability, operating parameters and feedwater quality are all considered.

All calculations are made on the concentrated reject brine and utilize the predicted Langelier Saturation Index, or the Stiff and Davis Index where seawater and high salinity water is in use. Calcium, barium and strontium sulfate solubility's are also calculated as is the dose of M-430. M-430 must be fed continuously to the feedwater. The product can be fed neat or in any convenient dilution.

Your OSMOTEC representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

MATERIALS: Storage and application equipments (pumps, lines) should be made of stainless steel (304), CPVC pipe, PE, PP, Plasic 4300 or Plasic 7122. Do not use brass, neoprene, Viton, Buna-N, PU, EPDM or Hypalon in contact with the neat product.

HANDLING-STORAGE-SHIPING

As a standard precaution with all chemicals we recommend the use of personal protective equipments such as goggles and rubber gloves when handling. Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.

M-430 can be stored for at least 24 months from date of shipping if kept in its original, unopened container and under normal warehouse conditions. Protect from freezing and from exposure to high temperature.

M-430 is available in non-returnable containers of different sizes.

REMARKS

If you need assistance or more information on this product, please call 1300 43 34 43. For more news about OSMOTEC Company, visit our website at www.osmotec.com.au.