



## DISPERSOL 3054

**Product Code : Q00031**  
**Product Group: EVAPORATOR & RO TREATMENT**  
**Packaging: 25L**

### PRODUCT DESCRIPTION

DISPERSOL 3054 is a high-performance, liquid anti scalant for controlling the deposition of inorganic scale forming salts and particulate foulants on membranes in reverse osmosis systems.

DISPERSOL 3054 exhibits excellent performance in combatting the most common causes of membrane fouling. It also extends the time between cleanings, maintains permeate flow rates, and maximizes membrane life and permeate quality. When properly applied, DISPERSOL 3054 helps reduce capital expenditures and operational costs.

DISPERSOL 3054 is a blend of polycarboxylic acid polymers and a phosphonic acid derivative that provides excellent control of:

- Calcium carbonate and sulfate scales
- Magnesium carbonate and sulfate scales
- Soluble and insoluble iron
- Silica fouling
- Dispersible particulates

### APPLICATION & DOSAGE

DISPERSOL 3054 should be dosed continuously in proportion to the feedwater flow, upstream of high pressure pumps. The product should be fed as far upstream as possible, but downstream of sand or coarse media filtration systems. It may be fed upstream of cartridge filters.

DISPERSOL 3054 may be fed neat, or diluted with RO permeate or distilled water to a maximum ratio of nine parts of water to one part of DISPERSOL 3054.

The recommended dosage is 4.3 milliliters of DISPERSOL 3054 (undiluted) per metric ton of feedwater (5.0 ppm of product). Table 1 illustrates consumption data and feed rates for systems that operate at 40% freshwater recovery.

Estimated <sup>1</sup> Daily Fresh Water Production	Daily Sea Water Feed Volume	DISPERSOL 3054 Daily Consumption	Feed Rate Undiluted ml/hour	Feed Rate 9:1 Dilution ml/hour
10 MT	25 MT	0.11 L	4.5 ml	45 ml
50 MT	125 MT	0.55 L	22.5 ml	225 ml
100 MT	250 MT	1.1 L	45 ml	450 ml
200 MT	500 MT	2.2 L	90 ml	900 ml
500 MT	1250 MT	5.4 L	225 ml	2250 ml

### BENEFITS

- Extends time between cleanings
- Maximizes membrane life
- Sustains fresh water production rates
- Maximizes permeate quality
- Safe for use in RO feedwater that produces drinking water
- Cost effective



Additional information can be found in the EUROCHEM RO Membrane Cleaning and Maintenance Guide.

Please contact your EUROCHEM representative for more detailed instructions for the use of DISPERSOL 3054 to meet the specific needs of your system.

**HEALTH SAFETY**

Please refer to the Material Safety Data Sheet and Product Label for specific information.

**LIMITATION OF LIABILITY**

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