

RO SURFACTANT CLEANER 25 LTR

Product group: **659** Product number: **777201**

NALFLEET™ RO Surfactant Cleaner™ has been developed for the cleaning of reverse osmosis (RO), nano-filtration (NF) and ultra-filtration (UF) membranes. NALFLEET™ RO Surfactant Cleaner™ is a formulation based on an anionic surfactant and is highly effective in removing colloidal and other organic matter.



Product information

This product supersedes product no: **PC-67.11R**

Features

- Effective surfactant formulation
- Compatible with wide range of RO membranes
- Liquid formulation
- Certified by NSF in accordance with Standard 60

Benefits

- Helps to maintain RO performance

Specification

General

Invent Hazard Material (IMO/EU) classification	C-49
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Physical properties

Density [g/ml]	1.04
Form	Liquid
Materials compatibility	All membrane elements based on Polyamide chemistries including Thin Film Composite (TFC) membranes when used as prescribed. 304 Stainless Steel Viton O-rings, Buna-N O-rings Polyethylene piping, Polypropylene piping HDPE, ULDPE, Epoxy phenolic
pH	7.0 to 9.0

Technical data

Not Compatible	Coated steel phenolic Neoprene O-rings, Hypalon O-rings EPDM O-rings
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Approvals

NSF International Certifies that this product conforms to the requirements of NSF/ANSI Standard 60 - Drinking Water Treatment Chemicals - Health Effects. For off-line use.

[NSF-Listing-23rd-Jan-2012](#)

Documents

[SDoC and MD for IHM](#)

Directions for use

During normal operation, RO membranes can become fouled, which greatly reduces the efficiency of the system. Deposits build up on the membrane until they cause a reduction in permeate flow and loss in salt rejection. The effects of fouling can lead to poor water quality, loss in production, unscheduled down time and membrane replacement. A regular maintenance and cleaning program can provide return on investment (ROI) results ranging from 100 to 250% by maintaining low pump output pressures and extending the membrane's life.

Elements should be cleaned whenever the normalized permeate flow rate or salt rejection decreases by 10-15% or the differential pressure increases by 10-15% from the original baseline data.

NALFLEET™ RO Surfactant Cleaner conforms to the requirements of NSF/ANSI Standard 60 - Drinking Water Treatment Chemicals - Health Effects.

Dosing and Control

NALFLEET™ RO Surfactant Cleaner should be fed via a closed feed system. A closed feed system is defined as a system in which fluid is moved from a closed storage vessel into a treated media without exposure to the atmosphere except through normal venting or pressure relief devices. NALFLEET™ RO Surfactant Cleaner cleaning solutions are made at 1.0 - 2.0% (by weight) with chlorine-free product water and sodium hydroxide addition to give a pH of 10.5 - 11.0.

Related products

Accessories

737189 EM. CLEAN.
UNIT
W/HEATING,
COATED

Consumables

768129 D100 6IN1
Photometer

778419 TABLE
WATER TEST
KIT

Is frequently bought together with

777715 MILD ACID
CLEANER 25
LTR

571356 COR NB
LIQUID 25 LTR

777718 ALKALINE
CLEANER 25
LTR

777852 BISULPHITE
25 LTR LIQUID
38-40%

777716 SCALE
CONTROL 25
LTR

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