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# 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

### Benefits

- Helps to maintain RO performance
- Effective dosage
- Certified by NSF in accordance with Standard 60 drinking water standards

## Specification

### General

<b>Invent Hazard Material (IMO/IU) classification</b>	C-49
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### Physical properties

<b>Colour</b>	Colorless to pale yellow
<b>Density [g/ml]</b>	1.04
<b>Form</b>	Liquid
<b>Materials compatibility</b>	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.
<b>pH</b>	7.0 to 9.0

### Technical data

<b>Not Compatible</b>	Coated steel phenolic , Neoprene O-rings, Hypalon O-rings , EPDM O-rings
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Note: Viscosity might increase during low temperatures. The recommended storage temperature is between 25-40 C.

## 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

[RO Range Flyer](#)

[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**

CHEM. CLEAN. UNIT W/HEATING, COATED

##### Consumables

**768129**

MD100 POOLCONTROL 6IN1

**778419**

POTABLE WATER TEST KIT

Is frequently bought together with

**571356**

ROCOR NB LIQUID 25 LTR

**777852**

RO.BISULPHITE 25 LTR LIQUID 38-40%

**777716**

RO SCALE CONTROL 25 LTR

**777718**

RO ALKALINE CLEANER 25 LTR

**777715**

RO MLD ACID CLEANER 25 LTR

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