Wilhelmsen Ships Service

Last updated: 30/06/2026 12:40:44

RO SURFACTANT CLEANER 25 LTR

Product group: **672** Product number: **777201**

Optimise Membrane Performance with RO Surfactant Cleaner

RO Surfactant Cleaner is specifically developed for the cleaning of reverse osmosis (RO), nano-filtration (NF), and ultra-filtration (UF) membranes. This anionic surfactant-based formulation is highly effective in removing colloidal and other organic matter.

Product information

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

Why Choose RO Surfactant Cleaner?

Choosing RO Surfactant Cleaner offers several compelling benefits. Its powerful cleaning action effectively removes a wide range of contaminants, ensuring optimal membrane performance. This cleaner provides a cost-effective solution, delivering efficient cleaning with an effective dosage that helps reduce overall maintenance costs. Its versatile application makes it compatible with various membrane types, offering flexibility across different systems.

Additionally, it is certified to international drinking water standards (NSF/ANSI/CAN 60), guaranteeing quality and safety.

Features

Effective Surfactant Formulation: Provides powerful cleaning action to remove stubborn contaminants. Wide Compatibility: Suitable for a broad range of RO, NF, and UF membranes. Liquid Formulation: Easy to handle and apply, ensuring efficient cleaning.

Benefits

Maintains RO Performance: Keeps your RO system running efficiently by removing colloidal and organic fouling. Effective Dosage: Ensures optimal cleaning with a cost-effective dosage. Certified Safety: Certified by NSF in accordance with Standard 60 drinking water standards, ensuring safe use in potable water systems.

Specification

General

Suggested Inventory Hazard Material classification	C-49

Physical properties

Colour	Colorless to pale yellow
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

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.

777201 RO SURFACTANT CLEANER 25 LTR NSF 60

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.

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

Dosing and Control
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. 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

Consumables

768129
MD100 POOLCONTROL 6IN1
778419
POTABLE WATER TEST KIT

Is frequently bought together with

571356
ROCOR NB LIQUID 25 LTR

777718
RO ALKALINE CLEANER 25 LTR

777715
RO MILD ACID CLEANER 25 LTR

777852
RO BISULPHITE 25 LTR LIQUID 38-40%

777716
RO SCALE CONTROL 25 LTR

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