Wilhelmsen Ships Service

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RO ALKALINE CLEANER 25 LTR

Product group: **672** Product number: **777718**

Maximise Your RO System Efficiency with RO Alkaline Cleaner

RO Alkaline Cleaner is an effective alkaline-based membrane cleaner developed to support the cleaning of acid-insoluble sulfates of calcium, barium, and strontium, as well as calcium fluoride.

Product information

This product supersedes product no: **PERMACLEAN, PC-33**

Why Choose RO Alkaline Cleaner?

Choosing RO Alkaline Cleaner offers several compelling benefits. Its comprehensive cleaning capabilities effectively remove a wide range of foulants, ensuring optimal membrane performance. Regular use of this cleaner can provide a significant return on investment by maintaining low pump output pressures and extending the life of your membranes. Designed to operate under various conditions, it delivers consistent and dependable results.

Additionally, the cleaner ensures safe use in potable water systems, contributing to overall system reliability and safety. This certified safety guarantees that the cleaner meets the highest standards, providing peace of mind and reliability.

Features

Mild Alkaline Formulation: Gentle yet effective cleaning action. Wide Compatibility: Suitable for a broad range of RO membranes. Liquid Formulation: Easy to handle and apply, ensuring efficient cleaning.

Benefits

Maintains RO Performance: Keeps your RO system running efficiently by preventing fouling and scaling. Extends Membrane Lifespan: Reduces the need for premature membrane replacement, saving on costs and downtime. Improves Water Quality: Ensures high-quality feedwater and potable water production on board vessels. Effective Against Multiple Foulants: Removes iron oxides, hydroxides, and calcium carbonate, especially when used with high pH detergent cleaners like RO Surfactant Cleaner.

Specification

General

Suggested Inventory Hazard Material classification	C-49

Physical properties

Appearance	colorless to light yellow
Density [g/ml]	1.01 to 1.04
Form	Liquid
Freezing Point [°C]	12
pH	11 - 12.5

Technical data

Not Compatible	Neat product not compatible with brass and phenolic coated steel drums.

Documents

SDoC and MD for IHM

RO Product Flyer

Directions for use

RO Alkaline 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.

Cleaning solutions should be made up with chlorine-free water to give a 2.0 - 2.5 % solution of Alkaline Cleaner. It is sometimes possible to monitor the progress of membrane cleaning by the "pick-up" of hardness salts in the cleaning solution.

** **Storage Instructions:** RO alkaline Cleaner should be stored at temperature above 15 °C. Below 15 °C the product can form precipitation.

Related products

Consumables

768129
MD100 POOLCONTROL 6IN1
778419
POTABLE WATER TEST KIT

Is frequently bought together with

571711
GAMAZYME 700FN 12KG

777852
RO BISULPHITE 25 LTR LIQUID 38-40%

777716
RO SCALE CONTROL 25 LTR

765018
ENVIROCLEAN 25 LTR

777715
RO MILD ACID CLEANER 25 LTR

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