



## RO ALKALINE CLEANER 25 L (PC33)

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**Product Group: 659**

**Product number: 777718**

### General description

RO Alkaline Cleaner is a membrane cleaner developed to support the cleaning of acid in soluble sulfates of calcium, barium and strontium as well as calcium fluoride.

### Features

- Mild alkaline formulation
- Compatible with wide range of RO membranes
- Liquid formulation

RO Alkaline Cleaner is also effective in removing iron oxides and hydroxides as well as calcium carbonate, though RO Mild Acid Cleaner is preferred for these foulants. RO Alkaline Cleaner is highly effective when used in combination with high pH detergent cleaners such as RO Surfactant Cleaner to help remove organic substances and microbial slimes.

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 downtime 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.

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### Ordering information

Product Number	Product name
777718	RO ALKALINE CLEANER 25 LTR

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### Accessories

Product Number	Product name
737189	CHEM. CLEAN. UNIT W/HEATING, COATED

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### Directions for use

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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 RO Alkaline Cleaner. It is sometimes possible to monitor the progress of membrane cleaning by the "pick-up" of hardness salts in the cleaning solution.

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## Documentation

- [RO ALKALINE CLEANER 25 LTR](#)
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## Further Technical Data

Form	Liquid
Appearance	Light yellow
Density	1,3
pH, in conc.	12-13
Not Compatible	With brass and phenolic coated steel drums.