

## Description :

**RO-Osmo Clean-3** is a blend of alkaline organic components designed for effective RO membranes cleaning.

**RO-Osmo Clean-3** is effective in removing iron oxides & hydroxides as well as Calcium Carbonate & Calcium Sulfate.

It is highly effective when used in combination with high pH detergents cleaners to help remove organic substances & microbial slimes.

Moreover, it is a good general-purpose membrane cleaner designed to support the cleaning of acid insoluble's sulphates of calcium, barium & strontium, as well as traces of calcium fluoride.

During normal operation, reverse osmosis & other membranes can become fouled, which greatly reduces the efficiency of the system and proper functioning causing reduction in normalized permeate flow.

The effects of fouling can lead to poor water quality, loss in production, unscheduled downtime & premature membrane replacement.

A regular maintenance & cleaning program can provide a significant return on investment by extending system run time, prevents membrane degradation, maintaining lower feed pressures & extending the membrane's life.

## Feeding & Dosage :

Cleaning solutions should be made up using chlorine free water to give a 1-3% solution of **RO-Osmo Clean-3**. It is often possible to monitor the progress of membrane cleaning by monitoring hardness salts in the cleaning solution, Using Unimarine Test Kits. When using **RO-Osmo Clean-3** to remove Calcium Sulfate & Calcium Fluoride deposits, the cleaning solution should be adjusted to pH 9.0-10.0 by addition of diluted HCl or C.Soda. The best practice is to soak 2-3 Hrs then circulate 2-3 Hrs. Repeat these steps for 24 Hrs. Biocides can also be included in the program where biofouling exists. Before returning the system to service, the system must be flushed out thoroughly for 30 minutes. This can be done by flushing thoroughly until the discharge water leaving the membrane has same pH value as the flushing water entering the system.

## Use Instructions :

**RO-Osmo Clean-3** is intended for cleaning purposes only.

**RO-Osmo Clean-3** is categorized under "Miscellaneous Water Supply Products." Membrane Cleaner. This product is designed to be used offline and flushed out prior to using the system for drinking water.

Code: 161162317

## RO-Osmo Clean-3 RO-Membrane Cleaner

### General Specifications :

Form	: Liquid
Appearance	: Yellow/Amber
Specific gravity	: 1.0-1.3
pH	: > 10.0
Solubility in Water	: Complete

### Product Benefits :

- Suitable for use with all membrane types
- Supports the removal of acid insoluble scales
- Liquid product for ease of application
- High level of active substances (Concentrated)



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