



RS-240

RO Membrane Detergent

| Items | Specifications |
|--------------------------------------------|---------------------------------|
| Form | Liquid |
| Color | Clear, light amber |
| PH value | 6.0-8.0 |
| Specific gravity (20°) g/cm ³ ≥ | 1.00-1.05 |
| Solubility in water | Completely |
| Composition | Sodium Dodecylbenzenesulphonate |

General Specifications

RS-240 has been developed for the cleaning of reverse osmosis (RO), nano-filtration (NF) and ultra-filtration (UF) membranes. **RS-240** is a formulation based on an anionic surfactant and is highly effective in removing colloidal and other organic matter. When used in conjunction with microbiocides, it is effective against biofilm. **RS-240** should always be used as recommended by the membrane manufacturer, as compatibility with all membrane types should not be assumed

Key Features and Benefits

- Effective removal of organic matter
- High level of active substance
- Liquid product, easy to handle and simple to apply and easy removal of soil

Application and Dosage

RS-240 cleaning solutions are made at 1.0 - 2.0% w/w with chlorine-free product water and sodium hydroxide addition to give a pH of 10.5 - 11.0. It is recommended that warm cleaning solutions are used within the allowances imposed by the membrane manufacturers, and this temperature determines the maximum cleaning pH.

The duration of the cleaning cycle depends on the quantity and nature of the fouling. Although a cleaning period of 2 - 4 hours may be typical, an extended over-night soaking period may be necessary in the case of heavy fouling. Short periods of recirculation after soaking are considered good practice for heavily fouled membranes.

On completion of the cleaning process it is recommended that the membranes be rinsed with good quality water to remove any residual. When returning the plant to service the product water should be discarded for the first 15 - 20 minutes or as long as necessary to ensure it is free of the cleaning solution.

Packing

RS-240 is available in 20/200 kgs HDPE jars and barrels.

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