



## RS-280

## RO Membrane Acid Cleaner

Items	Specifications
Form	Liquid
Colour	Clear or light yellow
PH value	1.5-2
Specific gravity (20°) g/cm <sup>3</sup> ≥	1.10-1. 20
Solubility in water	Compeletly

### General Specifications

**RS-280** is a fast acting formulation for cleaning of RO/NF/UF membranes by dissolving and dispersing organic and mineral deposits which primarily comprise of carbonates and sulfates of calcium, barium, stronium and magnesium.

**RS-280** is also effective in removing difficult iron scales, metal oxide deposits as well as silicates and colloidal clay.

### Key Features and Benefits

- Low pH formulation with organic chemicals
- Removes calcium carbonate, metal hydroxides and sulfate scales of calcium, barium, magnesium along with silica scales.
- Very effective even in low concentrations
- Excellent dispersing properties for quick and easy removal of soil
- Low foaming
- Easy to use and handle for its liquid state
- Biodegradable

### Application and Dosage

**RS-280** should be diluted with DM or RO permeate water to prepare a stock solution of 10 % v/v. This solution should be re-circulated through the membranes for 2-4 hours (including a soak time of 30-60mins) and flush out the system with DM or permeate water till equal pH is achieved at both ends of pass.

### Packing

**RS-280** is available in 20/200 kgs HDPE jars and barrels.

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