

## RO 1302

RO 1302 is a heavy duty antiscalant/antifoulant treatment for reverse osmosis membranes. It is composed of ingredients that prevent the formation of inorganic scales by effectively increasing the solubility of inorganic salts and by chelation. Many of these constituents include hardness scales and other inorganic contaminants such as barium, copper, iron and strontium. RO 1302 also controls insoluble particles, such as iron, and disperses these materials for the removal through the reject water.

### Advantages:

- \* Thermally stable
- \* Minimizes cleaning requirements
- \* Excellent iron & scale dispersant
- \* Stable over a broad pH range
- \* Eliminates or reduces particulate fouling
- \* Controls CaCO<sub>3</sub>, CaSO<sub>4</sub>, BaSO<sub>4</sub>, SrSO<sub>4</sub> & CaF<sub>2</sub>

### Application:

The feed dosage of RO 1302 is based on the availability of a reliable feedwater analysis and details of operating parameters. However, it is common to use low feed dosages, 2-6 ppm, to maintain scale forming minerals in suspension or solution. RO 1302 is certified to NSF/ANSI 60.

### Product Description:

pH.....	2.6-3.2	Weight/ gallon .....	10.00
Appearance .....	Pale yellow liquid	Specific Gravity.....	1.2

### Chemical Feeding & Control:

RO 1302 should be injected continuously into the RO feedwater line at a point downstream of sand or other media filters. If a static mixer is present, feed RO 1302 downstream of the cartridge filters. If the system does not have a static mixer, feed upstream of the cartridge filters to allow proper mixing. The typical dosage range for RO 1302 is 2-6 ppm, depending on feedwater quality and system operating parameters.

### Packaging:

5 gallon pails, 55 gallon drums, 275 gallon totes and bulk shipments