
RO 1304

RO 1304 is designed to inhibit silica, sulfate and carbonate scales and disperse colloidal particles in membrane separation systems. RO 1304 is unique in that it inhibits silica scaling at much higher concentrations than typical antiscalants, a feature which may allow significantly increased RO system recovery in high silica feedwaters.

Advantages:

- * Compatible with all RO membranes
- * Minimizes cleaning requirements
- * Excellent silica control
- * Inhibits a variety of carbonate and sulfate scales
- * Dispersant properties reduce colloidal and silt fouling
- * Controls CaCO₃, CaSO₄, BaSO₄, SrSO₄ & SiO₂

Application:

The feed dosage of RO 1304 is based on the availability of a reliable feedwater analysis and details of operating parameters. Generally, a dosage of 4–8 ppm of RO 1304 is required per 15 ppm silica (SiO₂) in the feedwater.

Product Description:

pH.....	3.0-3.5	Weight/ gallon	9.49
Appearance	Clear amber liquid	Specific Gravity.....	1.138

Chemical Feeding & Control:

RO 1304 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 1304 downstream of the cartridge filters. If the system does not have a static mixer, feed upstream of the cartridge filters to allow proper mixing.

Packaging:

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