

RO 1300

RO 1300 is an effective multi-purpose antifoulant that functions to maintain reverse osmosis membranes clean and free of deposit materials. RO 1300 works as a dual function additive in that it prevents the formation of inorganic scale by effectively increasing the solubility of inorganic salts. It also prevents iron fouling of the membranes by holding soluble iron in solution and dispersing insoluble iron. RO 1300 greatly improves membrane efficiency and reduces the potential for damage.

Advantages:

- * Prevents membrane fouling
- * Minimizes cleaning requirements
- * Effective against silica fouling
- * Single product application
- * Excellent iron and scale dispersant
- * Approved by major membrane manufacturers

Application:

RO 1300 has been designed to meet the needs of the municipal industry. It is compatible with all polyamide RO and NF membrane types. RO 1300 is capable of inhibiting scale in high LSI conditions up to +2.5 while stabilizing other fouling species. RO 1300 is NSF certified to a maximum use of 11 mg/l in the system.

Product Description:

pH.....	3.8-4.6	Weight/ gallon	10.09
Appearance	Clear liquid	Specific Gravity.....	1.21

Chemical Feeding & Control:

RO 1300 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 1300 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 1300 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