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Product Bulletin

RO 1302

Industrial Membrane Treatment

RO 1302 is a heavy duty antiscalant/antifoulant treatment product for Reverse Osmosis membrane surfaces. 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 removal through the reject water. RO 1302 is stable over a broad pH range and in high temperature environments.

Advantages:

Thermally Stable	Prevents Membrane Fouling
Excellent Iron & Scale Dispersant	Low Dosage
Polymeric Dispersant for Cleaning Action	Compatible with Chlorine at use Dosages
Eliminates or Reduces Particulate Fouling	Controls CaCO ₃ , CaSO ₄ , BaSO ₄ , SrSO ₄ , & CaF ₂

Product Application:

The feed dosage of RO 1302 is based on the availability of a reliable feedwater analysis and details of operating conditions. However, it is common to use low feed dosages to maintain scale forming minerals in suspension or solution. Generally, a dosage of 4-6 ppm product in the feedwater is sufficient for good control.

Product Description:

Product pH	2.9-3.4	Weight/Gallon.....	9.76
Flash Point	None	Freeze Point (approx.)	26°F
Appearance	Pale yellow liquid	Specific Gravity	1.17

Feeding:

Feed RO 1302 at a point after sand or other media filters and before the final cartridge filter, at a place where good in-line mixing will occur. Feed directly from the drum or dilute product with permeate water for feed to the system.

Handling:

For industrial use only. Keep this and all other chemicals out of reach of children. Avoid contact with eyes or skin. Use with adequate ventilation and avoid breathing vapors. In case of contact, immediately flush eyes (lifting upper and lower lids) or skin with large amounts of water for at least 15 minutes. Call a physician.

Storage:

Do not allow product to freeze.

Packaging:

5 gallon pail.....	49 lbs	15 gallon drum	147 lbs
30 gallon drum	293 lbs	55 gallon drum	537 lbs