

MURC 3301

RO Antiscalant for Industrial & Commercial Reverse Osmosis
Compatible with all type of Membranes

DESCRIPTION

During the normal operations, when water passes through the membrane, separation process starts, contaminants are rejected and eventually flushed to the waste stream. And when the concentration of these contaminants increases membranes can become fouled by colloidal material, biological matter, scaling salts, silica and other organic contaminants. And hence, reverse osmosis (RO) membrane Performance can be negatively impacted by impurities that build up on the membrane surface.

PROBLEMS CAUSED BY UNTREATED WATER

1. Increase in feed pressure that creates over loading of water pump.
2. Rejection levels of waste increased.
3. Rate of product flow reduced.
4. Heavy Wastage of water.
5. Membrane life is reduced.

MURC 3301

It is a liquid formulation for treatment of RO feed water. MURC 3301 is a powerful anti-scalant to meet various impurities in water. Like calcium carbonate (CaCO_3), calcium sulfate (CaSO_4), barium sulfate (BaSO_4), strontium sulfate (SrSO_4), silica (Si), calcium fluoride (CaF) and also controls iron, aluminium and colloids. It also helps in the removal of existing scale.

CHARACTERISTICS

Appearance	Liquid
Colour	White/ Pale Yellow
Solubility	Easily soluble in water
Dosage	20 to 25 ppm subject to inlet Water Quality in respect of TDS, calcium and silica
pH	Available in both low (<3.5) and high (9.5 to 10.5) pH
Specific gravity	1.1-1.54

APPLICATION

In order to ensure maximum efficiency, our experienced technical staff, after careful and systematic study of plant and water quality, make recommendations for optimum dosages. MURC 3301 is to be dosed at the inlet of RO or just after pre-treatment.

AVAILABILITY

MURC 3301 is available in various grades for multiple applications. Custom made MURC 3301 is also available to suit for a specific utility.

SAFETY & HANDLING

MURC 3301 is generally safe but avoid contact with eyes and skin. Do not take internally, Gloves and goggles should be used while handling the product.

Information in this publication, are given to the best of our knowledge, and may be amended without prior notice.



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AN ISO 9001:2015 CERTIFIED COMPANY

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