RO TREAT 5200™
Antiscalant/Dispersant – Liquid
Product Datasheet

PERFORMANCE:

RO TREAT 5200™ antiscalant offers a variety of critical performance and application benefits:

Powerful inhibitor against a variety of carbonate and sulfate scale:

$CaCO_3$	CCPP ≤ 900 (LSI ≤ 2.4)
$CaSO_4$	2.8 x Ksp
$BaSO_4$	80 x Ksp
$SrSO_4$	20 x Ksp
CaF_2	1000 x Ksp

- Dispersant qualities reduce colloidal and silt fouling of membrane surfaces.
- Excellent dispersant for alum particles.
- Compatible with all leading membranes.
- Crystal modification distorts inorganic salt crystal growth and system fouling.
- Achieving threshold scale inhibition at low dose rate offer excellent economical running cost.

CONTACT US:

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PRODUCT DESCRIPTION:

RO TREAT 5200™ is a blended formulation, which is a highly effective threshold scale inhibitor. Low application rates of **RO TREAT 5200™** are required to keep larger amount of scalant in solution. **RO TREAT 5200™** is primarily used to control scale precipitates and reduce inorganic and colloidal fouling on spiral and hollow thin fiber membrane.

APPLICATION:

Optimum **RO TREAT 5200™** performance is achieved when the chemical is injected downstream of multimedia filters and upstream of cartridge filters. In system using sulfuric acid (H_2SO_4), the best results are obtained when the acid is injected far enough upstream to ensure it is adequately mixed prior to the **RO TREAT 5200™** injection point.

DOSING GUIDELINES:

Typical dosage ranges are between 2 to 5 ppm. Dosage of **RO TREAT 5200™** should be as directed by the company representative. Like any injected chemical, over or under dosing may cause unnecessary membrane system fouling. Please contact RCB customer service for advice.

DILUTION:

This product is formulated to be injected neat. However, if a dilution is required, use demineralized or RO permeate water. If neither of these is available, softened water may be substituted. The dilution for **RO TREAT 5200™** should not result in a solution strength of less than 10%. This guideline will protect the effectiveness of the internal bacteriostat which inhibits bacterial growth in the drum and feed tank.

PACKAGING AND STORAGE:

Standard regional pack sizes are listed below and custom packaging can be provided worldwide. Information on drum less or bulk tanker delivery is available on request.

SPECIFICATIONS	
Appearance	Light yellow Liquid
pH (as supplied)	3.5 - 4.5
Specific Gravity @20˚C	1.03 – 1.05 g/cm^3

Packaging Formats	Pakistan
Jerrycan	30 Kg
Drum	210 Kg

Other packing is available on request.

AVAILABILITY:

Lahore, Karachi, Faisalabad.