Hydrovida
Water Chemistry Experts

Product Data Sheet RO/NF

Solutec Ca Antiscalant

RO Membrane Antiscalant – Broad Spectrum Scale Inhibitor and Sequestrant

Performance Advantages

- Effectively inhibits scale formation with proprietary crystal modification and strong sequestrants
- Allows for higher recoveries on waters with high total dissolved solids
- Excellent in carbonate and sulfate scale prevention. Effectively inhibits hardness-based scales.
- Contains an internal biostatic antimicrobial to prevent biological growth
- Has a long product shelf-life under proper storage conditions
- Compatible with all Hydrovida reverse osmosis products, polyelectrolyte and organic cationic coagulants
- Compatible with polyamide, cellulose acetate and polypiperazine membranes

Product Properties

Appearance	Dark amber liquid
Solubility in Water	Completely miscible
pH (Neat)	10.5 to 11.5
Specific Gravity	1.20 to 1.30
Odor	Characteristic

Product Instructions

Solutec Ca is typically dosed between 2 and 5 ppm, depending on the feed water source. An exact dose for specific feed water may be provided by an Hydrovida water treatment professional upon request of a feed water analysis. The product is designed to be continuously fed via chemical injection prior to the final cartridge filter and downstream of implemented pretreatment. The product may be diluted with deionized water or RO permeate water if necessary but should not exceed a solution strength of less than 25%, as low dilutions may render biostatic antimicrobials ineffective.

Storage

Solutec Ca should ideally be stored out of direct sunlight, and away from extreme temperatures. Avoid conditions where product may be able to freeze. Store away from strongly acidic chemicals and oxidizers. Ideal storage should be in a cool, dry place. For more information on precautions and safety measures, refer to the Safety Data Sheet for this product.

Available Packaging Options

- 5-gallon pails
- 55-gallon plastic drums
- 275-gallon IBC tote
- Mini-bulk

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