

## Product Data Sheet

RO/NF

### Solutec Ci Antiscalant

RO Membrane Antiscalant – Premium Scale Inhibitor and Sequestrant

#### Performance Advantages

- Effectively inhibits scale formation with proprietary crystal modification to inhibit growth of sparingly soluble complex ions
- Contains strong dispersant properties to help diffuse colloids such as clay and precipitated metals (iron, aluminum)
- Allows for higher recoveries on waters with high total dissolved solids
- Excellent in carbonate and sulfate scale prevention. Effectively inhibits hardness-based scales and silica scales.
- Contains an internal biostatic antimicrobial to prevent biological growth
- Has a long product shelf-life under proper storage conditions
- Compatible with polyamide, cellulose acetate and poly Piperazine membranes

#### Product Properties

Appearance	Clear, teal liquid
Solubility in Water	Completely miscible
pH (Neat)	5.0 to 7.0
Specific Gravity	1.20 to 1.30
Odor	Characteristic

#### Product Instructions

Solutec Ci 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 Ci 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