RO / NF WASTEWATER ANTISCALANT

Solutec Ca-949 Antiscalant.

Premium wastewater RO scale inhibitor and sequestrant for calcium phosphate

2–5 ppm

TYPICAL DOSE

DEPENDS ON FEED WATER SOURCE

APPEARANCE	SOLUBILITY IN WATER	PH (NEAT)	SPECIFIC GRAVITY	ODOR
Clear, yellow liquid	Completely miscible	8.0 to 11.0	1.15 to 1.30	Characteristic

PERFORMANCE

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 calcium phosphate scale prevention; effectively inhibits other hardness-based 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 polypiperazine membranes

SUPPLY

Available Packaging Options

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

USAGE

Product Instructions

Solutec Ca-949 is typically dosed between 2 and 5 ppm, depending on the feed water source. An exact dose for a specific feed water may be provided by a 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 if necessary, but solution strength should not drop below 25%, as lower dilutions may render the biostatic antimicrobials ineffective.

HANDLING

Storage

Solutec Ca-949 should ideally be stored out of direct sunlight and away from extreme temperatures. Avoid conditions where the product may freeze. Store away from strongly acidic chemicals and oxidizers. Ideal storage is a cool, dry place. For more information on precautions and safety measures, refer to the Safety Data Sheet for this product.

HYDROVIDA · 6241 YARROW DRIVE SUITE D · CARLSBAD, CA 92011

REQUEST A FEED WATER ANALYSIS

(866) 808-3315

info@hydrovida.com · hydrovida.com