hydrovida

PRODUCT DATA SHEET · RO / NF

RO / NF MEMBRANE ANTISCALANT

Solutec Ci Antiscalant.

2–5 ppm

TYPICAL DOSE

DEPENDS ON FEED WATER SOURCE

RO membrane antiscalant: premium scale inhibitor and sequestrant

NSF/ANSI/CAN 60 CERTIFIED

MAX USE 7 MG/L

APPEARANCE	SOLUBILITY IN WATER	PH (NEAT)	SPECIFIC GRAVITY	ODOR
Clear, teal liquid	Completely miscible	5.0 to 7.0	1.20 to 1.30	Characteristic

PERFORMANCE

Performance Advantages

- Inhibits scale with proprietary crystal modification that slows growth of sparingly soluble complex ions
- Strong dispersant for colloids such as clay and precipitated iron and aluminum
- Allows higher recoveries on waters with high total dissolved solids
- Excellent against carbonate and sulfate scale; also inhibits silica, hardness and calcium fluoride scale
- Certified to NSF/ANSI/CAN 60 for drinking water systems, up to 7 mg/L
- Internal biostatic antimicrobial and a long shelf life under proper storage
- 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 Ci is typically dosed at 2 to 5 ppm, depending on the feed water source. A Hydrovida water treatment professional sets the exact dose from a feed water analysis.

Feed continuously by chemical injection, downstream of pretreatment and ahead of the final cartridge filter. Solutec Ci may be diluted with deionized water or RO permeate if needed; keep the solution at 25% strength or higher so the internal biostat stays effective.

HANDLING

Storage

Solutec Ci should be stored out of direct sunlight and away from extreme temperatures, in a cool, dry place. Do not let it freeze. Keep away from strongly acidic chemicals and oxidizers. Refer to the Safety Data Sheet for precautions and safety measures.

ENGINEERED. MEASURED. VERIFIED.

REQUEST A FEED WATER ANALYSIS

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

(866) 808-3315

info@hydrovida.com · hydrovida.com