hydrovida

PRODUCT DATA SHEET · RO / NF

RO / NF MEMBRANE ANTISCALANT

Solutec Si Antiscalant.

Premium silica scale inhibitor for high-silica feed waters

2–5 ppm

TYPICAL DOSE

DEPENDS ON FEED WATER SOURCE

NSF/ANSI/CAN 60 CERTIFIED

MAX USE 7 MG/L

APPEARANCE	SOLUBILITY IN WATER	PH (NEAT)	SPECIFIC GRAVITY	ODOR
Amber liquid	Completely miscible	4.0 to 7.0	1.15 to 1.25	Characteristic

PERFORMANCE

Performance Advantages

- Proven terpolymer blend designed to maximize silica solubility
- Built for high-silica feed waters
- Also prevents sulfate and calcium fluoride scale
- Inhibits scale with proprietary crystal modification and strong sequestrants
- Allows higher recoveries on waters with high total dissolved solids
- Certified to NSF/ANSI/CAN 60 for drinking water systems, up to 7 mg/L
- Internal biostatic antimicrobial; 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 Si 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 Si 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 Si 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 or alkaline chemicals and oxidizers. Refer to the Safety Data Sheet for precautions and safety measures.

ENGINEERED. MEASURED. VERIFIED.

REQUEST A FEED WATER ANALYSIS

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