hydrovida

PRODUCT DATA SHEET · RO / NF

RO / NF MEMBRANE ANTISCALANT

Solutec SiMax Antiscalant.

0.5–2 ppm

TYPICAL DOSE

DEPENDS ON FEED WATER SOURCE

Ultra-concentrated RO antiscalant for silica scale and silicate clays

NSF/ANSI/CAN 60 CERTIFIED

MAX USE 5 MG/L

APPEARANCE	SOLUBILITY IN WATER	PH (NEAT)	SPECIFIC GRAVITY	ODOR
Amber liquid	Miscible	4.5 to 6.5	1.20 to 1.45	Characteristic

PERFORMANCE

Performance Advantages

- Ultra-concentrated: typically dosed at 0.5 to 2 ppm, below the 2 to 5 ppm of standard Solutec antiscalants
- Highly efficient at controlling silica scale on RO and NF membranes
- Also controls silicate-based clays and complexes
- Works on seawater, well water, municipal water and wastewater feeds
- Contains internal biostatic components to protect the product in storage
- NSF/ANSI/CAN 60 certified, with a 5 mg/L maximum use limit
- Compatible with all polyamide RO and NF membranes

SUPPLY

Available Packaging Options

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

USAGE

Product Instructions

Solutec SiMax is typically dosed directly into the RO feed water at 0.5 to 2 ppm. A Hydrovida technical specialist sets the exact dose with a software projection from your feed water analysis.

For best results, inject downstream of media filters, just before the cartridge filters. SiMax is designed to be fed neat. If it must be diluted, keep it at 20% strength or higher; weaker dilutions can make the internal biostat ineffective. For industrial or institutional use only.

HANDLING

Storage

Store in a dry, cool, well-ventilated place with the original container tightly closed. Keep away from strong oxidizers. Wear gloves, safety glasses and clothing that covers the skin when handling. Refer to the Safety Data Sheet for precautions and first aid.

ENGINEERED. MEASURED. VERIFIED.

REQUEST A FEED WATER ANALYSIS

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