hydrovida

PRODUCT DATA SHEET · RO / NF

RO / NF MEMBRANE CLEANER

Synetec L300
Low pH Cleaner.

Liquid acidic RO membrane cleaner for carbonate scale and metal fouling

2% w/w

TYPICAL USE CONCENTRATION

ADJUST TO FOULING SEVERITY

SURFACTANT-FREE

APPEARANCE	SOLUBILITY IN WATER	PH (2% SOLUTION)	SPECIFIC GRAVITY	ODOR
Clear liquid	Completely miscible	2.0 to 3.5	1.28 nominal	Characteristic

PERFORMANCE

Performance Advantages

- Dissolves calcium carbonate and other acid-soluble mineral scale from RO and NF membranes
- Chelating, reducing acid system helps lift iron and manganese deposits and hold them in solution
- Buffered acid system resists pH drift as scale dissolves during recirculation
- Surfactant-free and non-foaming for straightforward recirculation and rinse-out
- Contains readily biodegradable organic acids; free of EDTA, sulfuric and hydrochloric acid, surfactants and oxidizers
- Formulated for polyamide RO and NF membranes; the low-pH partner to Synetec L1200

SUPPLY

Available Packaging Options

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

USAGE

Product Instructions

Synetec L300 is typically used at 2% w/w. Prepare the cleaning solution with chlorine-free RO permeate or deionized water, always adding product to water. Confirm solution pH and the membrane manufacturer's pH and temperature limits before circulating. Not for use on cellulose acetate membranes.

Recirculate at the manufacturer's recommended flow; heavily scaled elements may benefit from a soak. If pH rises more than 0.5 units, add product. Flush with permeate before returning to service. Where organic or biological fouling is also present, clean first with Synetec L1200.

HANDLING

Storage

Store in original closed containers in a cool, dry place out of direct sunlight. Protect from freezing, which may cause crystallization. Keep away from alkalis and oxidizers, and use acid-resistant equipment. Refer to the Safety Data Sheet for precautions.

ENGINEERED. MEASURED. VERIFIED.

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REQUEST A CLEANING RECOMMENDATION

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