hydrovida

PRODUCT DATA SHEET · RO / NF

RO / NF MEMBRANE CLEANER

Synetec P12 Silica Cleaner.

Alkaline powder blend for silica scale and mixed fouling

1–2% w/w

TYPICAL USE CONCENTRATION

HEAT TO ~35°C · ADJUST TO FOULING

PHOSPHATE-FREE

APPEARANCE	SOLUBILITY IN WATER	PH (1% W/W)	ODOR
White powder	Completely miscible	11.5 to 13.0	Detergent

PERFORMANCE

Performance Advantages

- Contains a specialized blend of surfactants, buffering agents and organic penetrants
- Highly buffered to resist pH changes
- Excels at removing silica scale, silts, clays, organics, bio-slimes and colloidal foulants
- Strong chelating properties help remove and dissolve excess scale on membranes
- Eco-friendly, phosphate-free formulation
- Formulated with user-friendly chemicals for safe handling while staying aggressive on target foulants
- Compatible with polyamide, cellulose acetate and polypiperazine membranes

SUPPLY

Available Packaging Options

- 50-pound pails
- 100-pound drum
- 400-pound drums

USAGE

Product Instructions

Fill the Clean-In-Place tank to the desired volume using soft water or RO permeate. For best results, Synetec P12 should be used at a 1–2% w/w concentration in water heated to ~35°C. Dissolve the powder cleaner thoroughly in water before adding it to the tank, and recirculate the tank solution to make sure the cleaner is completely dissolved before starting the cleaning.

Circulate the cleaner through the membranes for two hours, or for a time established by a membrane autopsy. Severely fouled membranes may cause the cleaning solution to turn turbid. If the solution becomes murky, flush out 25% of the solution, batch more cleaner with soft water or RO permeate, and continue cleaning.

HANDLING

Storage

Store in a dry, cool and well-ventilated place. Keep away from strong oxidizers, reducers and acids. For more information on precautions and safety measures, refer to the Safety Data Sheet for this product.

ENGINEERED. MEASURED. VERIFIED.

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

REQUEST A CLEANING RECOMMENDATION

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