hydrovida

PRODUCT DATA SHEET · RO / NF / DAF

RO / NF / DAF MEMBRANE-COMPATIBLE COAGULANT

Perfloc Fe Coagulant.

0.5–12 ppm

TYPICAL DOSE

BASED ON A FILTRATION STUDY

Membrane-compatible coagulant: proprietary inorganic and organic blend

APPEARANCE	SOLUBILITY IN WATER	PH (1% W/W IN DI)	SPECIFIC GRAVITY	ODOR
Rubiginous (rust-red) liquid	Completely miscible	2.00 to 5.00	1.30 to 1.40	Characteristic

PERFORMANCE

Performance Advantages

- Contains inorganic metal salts that efficiently bind small particulates into larger flocs for removal by physical filtration
- Contains a blend of strong inorganic and organic polymeric cations that bind together organic and man-made negatively charged particles and suspended solids
- Excellent in preventing fouling in RO systems by increasing the efficiency of solids removal in prefiltration
- Has a long product shelf-life under proper storage conditions
- Compatible with most Hydrovida reverse osmosis antiscalant products
- 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

Perfloc Fe is typically dosed from 0.5 ppm to 12 ppm, depending on the concentration of suspended solids and the zeta potential of the particulates. An exact dose for a specific feed water may be provided by a Hydrovida water treatment professional upon request of a feed water filtration study. The product is designed to be continuously fed via chemical injection ahead of implemented pretreatment such as a sand filter or UF.

Perfloc Fe should not be diluted, as dilution can destabilize the coagulation agents.

HANDLING

Storage

Perfloc Fe should ideally be stored out of direct sunlight and away from extreme temperatures. Avoid conditions where the product may freeze. Store away from strongly alkaline chemicals, oxidizers and reducing agents. Ideal storage is a cool, dry place. For more information on precautions and safety measures, refer to the Safety Data Sheet for this product.

ENGINEERED. MEASURED. VERIFIED.

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REQUEST A FILTRATION STUDY

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