



American Water Chemicals, Inc.

High Performance Membrane Antiscalants and Cleaning Chemicals

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AQUACARE-A-102Fe R.O. Membrane Antiscalant – High Iron / Phosphate

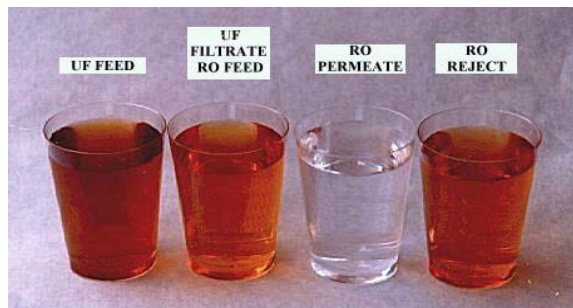
Advantages

- **AQUACARE-A-102Fe** is designed to inhibit inorganic scale formation in membrane separation processes.
- **AQUACARE-A-102Fe** controls Calcium Carbonate scale formation without acid up to a CCPP of 900.
- **AQUACARE-A-102Fe** prevents Calcium Phosphate scale formation without acid up to a CPSI of 1.2.
- **AQUACARE-A-102Fe** effectively stabilizes metal ions and disperses insoluble metal oxides in the reject.
- **AQUACARE-A-102Fe** controls Calcium Fluoride, Calcium Sulfate, Barium Sulfate and Strontium Sulfate scales in waters with a high fouling potential.
- **AQUACARE-A-102Fe** has been approved by the National Sanitation Foundation (NSF) for the production of potable drinking water in membrane separation processes.
- **AQUACARE-A-102Fe** is environmentally compatible, especially where discharge of waste into the environment is a concern.



Typical Properties

Appearance.....	Clear Colorless to light yellow liquid
Odor.....	Characteristic Odor
Solubility in water.....	Complete
pH (as is) @ 25°C.....	3 – 4
Specific Gravity.....	1.15 ± 0.05



Safety And Handling

Store in a cool, dry place. In accordance with good safety practice, handle with care and avoid contact with eyes and prolonged or repeated contact with skin. For more information, See the Material Safety Data Sheet provided with this product.

Chemical Feeding And Control

AQUACARE-A-102Fe is normally fed continuously prior to the final cartridge filter. It should be injected by chemical dosing pump from a dilution tank or directly from the drum to the feedwater line. The amount of **AQUACARE-A-102Fe** required to inhibit scale formation depends on the quality of feedwater and size of the membrane system. The specific dosage rates will be specified by your AWC technical representative.

Packaging

AQUACARE-A-102Fe is packaged in 55 gallon, non-returnable plastic drums.

ISO 9001:2000 Certified Company

