



# American Water Chemicals, Inc.

*High Performance Membrane Antiscalants and Cleaning Chemicals*

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## AQUACARE A-111 Reverse Osmosis Membrane Antiscalant

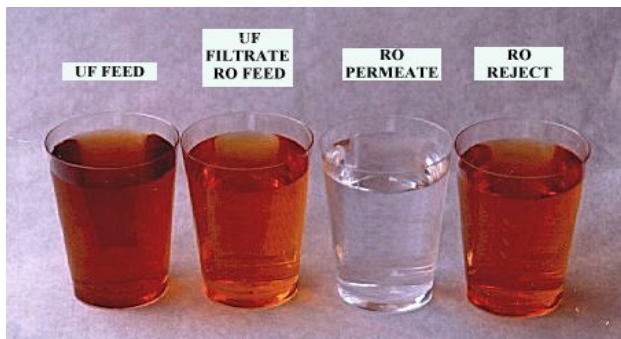
### Features and Advantages

- **AQUACARE A-111** is a liquid polyacrylate-based antiscalant designed to inhibit inorganic scale formation in membrane separation processes.
- **AQUACARE A-111** controls Calcium Carbonate, Calcium Sulphate, Barium and Strontium Sulphates, as well as Silica scales in waters with a high fouling potential.
- **AQUACARE A-111** has been approved by the National Sanitation Foundation (NSF) for the production of potable drinking water in membrane separation processes.
- **AQUACARE A-111** is environmentally compatible, especially where discharge of waste into the environment is a concern.
- **AQUACARE A-111** has been approved for use by all major membrane manufacturers.



### Typical Properties

Appearance.....	Clear to Pale Yellow Liquid
Stability.....	Excellent
Solubility.....	Completely Soluble
pH (Undiluted).....	3.0 – 5.0
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-111** 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-111** required to inhibit scale formation depends on the quality of feedwater and size of the membrane system. The specific control ranges will be specified by the technical representative and can also assist you in determining the appropriate dose rate for your system.

### Packaging

**AQUACARE A-111** is packaged in 55 gallon, non-returnable plastic drums.