



American Water Chemicals, Inc.

High Performance Membrane Antiscalants and Cleaning Chemicals

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AWC A-108 Reverse Osmosis Membrane Antiscalant – Extreme Conditions

Advantages

- **AWC A-108** is premium broad spectrum antiscalant designed to inhibit inorganic scale formation in membrane separation processes.
- **AWC A-108** controls calcium carbonate scale formation without acid up to an LSI of 3.0 and maintains good scale inhibition even in the presence of high levels of iron.
- **AWC A-108** controls calcium sulfate, barium sulfate and strontium sulfate scales in waters with an extremely high scaling potential. Also exhibits control of silica at moderate to high levels.
- **AWC A-108** effectively stabilizes metal ions and disperses metal oxides and other inorganic particulates such as silt and clay.
- **AWC A-108** has been approved by the National Sanitation Foundation (NSF) for the production of potable water in membrane separation processes.
- **AWC A-108** is environmentally compatible, especially where discharge of waste into the environment is a concern.



Typical Properties

Appearance.....	Clear yellow liquid
Odor.....	Characteristic Odor
Solubility in water.....	Complete
pH (as is) @ 25°C.....	3 – 4
Specific Gravity.....	1.20 ± 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

AWC A-108 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 **AWC A-108** 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

AWC A-108 is packaged in 55 gallon, non-returnable plastic drums.

ISO 9001 Certified Company

