

## AS 208

### MEMBRANE SCALE INHIBITOR

#### DESCRIPTION:

AS 208 is a general-purpose, scale inhibitor for use in reverse osmosis systems. AS 208 contains a combination of scale inhibiting chemistry to prevent the precipitation of dissolved solids on the membrane surface. AS 208 also contains a high-performance terpolymer to aid in flushing contaminants and foulants from the membrane and feedwater spacer surfaces.

AS 208 is specifically designed to provide control of calcium and other metal salts by acting as a crystal modifier and threshold inhibitor. AS 208 may be used with both thin film and cellulose acetate membranes.

#### GENERAL APPLICATION:

AS 208 should be injected into the feedwater line of the reverse osmosis unit just before the cartridge filter. This product is NSF Standard 60 registered for use as a RO scale inhibitor in potable water applications up to a maximum use rate of 120 ppm. AS 208 should be added at a rate of 15 - 100 ppm of product as received. It may also be diluted for ease of feeding.

#### ADVANTAGES:

- NSF Standard 60 certification
- Especially effective against silica and magnesium silicate deposition
- Effective against calcium phosphate deposition
- Effective removal of contaminants and foulants from membrane and spacer surfaces
- For use on both thin film composite and cellulose acetate membranes

#### Typical Product Characteristics

Appearance .....Dark Amber Liquid  
Density at 25° C.....1.05 – 1.07  
Weight per US gallon .....8.88 lbs/gal  
pH of product .....6 - 7

#### SAFETY & HANDLING:

Improper handling of this product can be injurious to workers. Observe all safety precautions shown on the label and Material Safety Data Sheets. Wear proper protective equipment listed on the MSDS. Follow the instructions of your KML Representative in the proper use of this product.

#### PACKAGING:

AS 208 is available in non-returnable, 55 gallon, DOT approved plastic containers.

