

## AS 204

### MEMBRANE SCALE INHIBITOR

#### DESCRIPTION:

AS 204 is a general-purpose scale inhibitor for use in reverse osmosis systems. AS 204 contains a highly effective acrylate-acrylamide copolymer to prevent the precipitation of dissolved solids on the membrane surface. AS 204 also acts as a dispersant to aid in flushing contaminants and foulants from the membrane and feedwater spacer surfaces.

AS 204 is specifically designed to provide control of calcium and other metal salts by acting as a crystal modifier and threshold inhibitor. AS 204 may be used with both thin film and cellulose acetate membranes.

#### GENERAL APPLICATION:

AS 204 should be injected into the feedwater line of the reverse osmosis unit just before the cartridge filter. AS 204 should be added at a rate of 15 - 75 ppm of product as received. It may also be diluted for ease of feeding in some systems.

#### 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.

#### ADVANTAGES:

- Especially effective against calcium carbonate 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 ....Yellow Orange Liquid  
Density at 25° C.....1.07 – 1.09  
Weight per US gallon ...9.01-lbs./ gal  
pH of product .....11.5 - 13

#### PACKAGING:

AS 204 is available in non-returnable, 55 gallon, DOT approved plastic containers.

