

AS 203

MEMBRANE SCALE INHIBITOR

DESCRIPTION:

AS 203 is a general-purpose, scale inhibitor for use in reverse osmosis systems. AS 203 contains a highly effective acrylate-acrylamide copolymer to prevent the precipitation of dissolved solids on the membrane surface. AS 203 also acts as a dispersant to aid in flushing contaminants and foulants from the membrane and feedwater spacer surfaces.

AS 203 is specifically designed to provide control of calcium and other metal salts by acting as a crystal modifier and threshold inhibitor. AS 203 may be used with both thin film and cellulose acetate membranes.

GENERAL APPLICATION:

AS 203 should be injected into the feedwater line of the reverse osmosis unit just before the cartridge filter. AS 203 should be added at a rate of 30-150 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 sulfate 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

AppearanceLight amber liquid
Density at 25° C.....1.06 - 1.08 g/ml
Weight per US gallon8.90 lbs./gal
pH of product4 - 6

PACKAGING:

AS 203 is available in non-returnable, 55 gallon, DOT approved plastic containers.

