

AS 209

MEMBRANE SCALE INHIBITOR

DESCRIPTION:

AS 209 is a general-purpose, scale inhibitor for use in reverse osmosis systems. AS 209 contains a combination of scale inhibiting chemistry to prevent the precipitation of dissolved solids on the membrane surface. AS 209 also acts as a dispersant to aid in flushing contaminants and foulants from the membrane and feedwater spacer surfaces.

AS 209 is specifically designed to provide control of calcium and other metal salts by acting as a crystal modifier and threshold inhibitor. AS 209 may be used with both thin film and cellulose acetate membranes.

GENERAL APPLICATION:

AS 209 should be injected into the feedwater line of the reverse osmosis unit just before the cartridge filter. This product is NSF registered under Standard 60 for use as a RO scale inhibitor in potable water applications up to a maximum use rate of 75 ppm. AS 209 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.

ADVANTAGES:

- NSF Standard 60 certification
- Especially effective in stressed waters
- Controls both calcium carbonate, calcium sulfate, barium sulfate, and strontium sulfate
- 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

AppearanceClear Amber Liquid
Density at 25° C.....1.05 – 1.07
Weight per US gallon8.81 lbs/gal
pH of product7.5 – 8.5

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