

AS 276

MEMBRANE SCALE INHIBITOR

DESCRIPTION:

AS 276 is a general-purpose, scale inhibitor for use in reverse osmosis systems. AS 276 contains a combination of scale inhibiting chemistry to prevent the precipitation of dissolved solids on the membrane surface. AS 276 also contains a clarifier and organic dispersant to aid in flushing contaminants and organic foulants from the membrane and feedwater spacer surfaces.

AS 276 is specifically designed to provide control of calcium and other metal salts by acting as a crystal modifier and threshold inhibitor. AS 276 may be used with both thin film and cellulose acetate membranes.

GENERAL APPLICATION:

AS 276 should be injected into the feedwater line of the reverse osmosis unit just before the cartridge filter. AS 276 should be added at a rate of 15 - 150 ppm of product as received. It may also be diluted for ease of feeding in some systems.

ADVANTAGES:

- Especially effective against calcium carbonate and organic fouling
- 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

AppearanceDark, Amber Liquid
Density at 25° C.....1.05 – 1.07 g/ml
Weight per US gallon8.86 lbs./gal
pH of product2 - 4

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