

MC 100

MEMBRANE CLEANER

DESCRIPTION:

MC 100 is a general-purpose, membrane cleaner for use in reverse osmosis systems. MC 100 is a highly concentrated blend of citric acid and is effective in the removal of deposits on the membrane surface. MC 100 is specifically designed for the removal of calcium and other metal salts. MC 100 is an acidic formulation and may be used with both thin film composite and cellulose acetate membranes.

GENERAL APPLICATION:

MC 100 should be charged to the chemical cleaning solution tank at the rate of 1 gallon per 10 – 20 gallons of permeate water. For thin-film composite membranes, the pH of the cleaning solution should typically be adjusted to 2.5 by the addition of dilute hydrochloric acid. For cellulose acetate membranes the pH of the cleaning solution should typically be adjusted to 4.0 by the addition of the dilute hydrochloric acid. The cleaning procedure must be performed in accordance with all membrane manufacturer recommendations and guidelines.

ADVANTAGES:

- Especially effective against calcium carbonate deposits
- Effectively removes oxides of iron and manganese
- For use on both thin film composite and cellulose acetate membranes

Typical Product Characteristics

AppearanceLight Amber liquid
Density at 25° C.....1.09 g/ml
Weight per US gallon9.09 lbs./gal
pH of product1 - 2

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:

MC 100 is available in non-returnable, 55 gallon, DOT approved plastic containers.