

MC 101

MEMBRANE CLEANER

DESCRIPTION:

MC 101 is a highly concentrated blend of acids, surfactant and chelants. MC 101 is effective in the removal of organic matter, foulants and deposits on the membrane surface. MC 101 is specifically designed for the removal of calcium, iron, manganese, copper, barium and other metal salts. MC 101 may be used alone or in conjunction with other acidic cleaners with both thin film composite and cellulose acetate membranes.

GENERAL APPLICATION:

MC 101 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.....1.05 g/ml
Weight per US gallon8.7 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 101 is available in non-returnable, 55 gallon, DOT approved plastic containers.

