

MC 104

MEMBRANE CLEANER

DESCRIPTION:

MC 104 is a proprietary membrane cleaner for use in RO systems. This formulation is effective in removing calcium carbonate, calcium sulfate, barium sulfate and strontium sulfate scales. MC 104 contains a chelant for iron and copper sequestration and a dispersant to aid in flushing contaminants from the membrane and feedwater spacer surfaces.

GENERAL APPLICATION:

MC 104 should be charged to the chemical cleaning solution tank at the rate of 1 gallon / 10 - 20 gallons of oxidant-free permeate water. For thin-film membranes, the pH of the cleaning solution should typically be adjusted to 2.0 by the addition of dilute HCl. For cellulose acetate membranes the pH of the cleaning solution should typically adjusted to 4.0 by the addition of dilute HCl. The cleaning procedure must be performed in accordance with all recommendations and guidelines of the membrane manufacturer.

ADVANTAGES:

- Effective on carbonate and sulfate scales
- For use on both cellulose acetate and thin film membranes

Typical Product Characteristics

Appearance	Clear Colorless liquid
Density at 25°C	1.06 g/ml
Weight per US gallon	8.8 lbs./gal
pH of product	2.5

PACKAGING & HANDLING:

MC 104 is available in non-returnable 55-gallon DOT approved plastic containers.

SAFETY & HANDLING:

Improper handling of this product can be injurious to workers. Observe all safety precautions shown on the label and in the Material Safety Data Sheet. Wear proper protective equipment listed on the MSDS. Follow the instructions of your KML Representative in the proper use of this product.

