

# AM-44

Cellulose Acetate/Triacetate Membrane Cleaner

*Especially Formulated for Removing Mineral Scale from CA/CTA Membranes*

AM-44 is especially formulated for removing mineral scale from Cellulose Acetate and Cellulose Triacetate RO Membranes. AM-44 is a stable, non foaming, surfactant free, acid compound, that is effective on many types of common mineral scales associated with membrane fouling. It is effective at low temperatures up to 120°F.

AM-44 is used at a pH of 2-3 for 30-60 minutes. The pH should be monitored during the cleaning cycle to ensure that it is maintained during the entire cleaning cycle. Heavy mineral deposits will raise the pH of the cleaning solution as they dissolve. A rise of one half pH unit indicates a need for a fresh cleaning solution. If the cleaning solution becomes heavily discolored or contaminated, a new solution should be prepared and the cleaning cycle repeated.

## **SPECIFICATIONS:**

• Appearance and Odor	White acidic powder or granules with no distinct odor.
• pH of 1% Solution	2.2
• Solubility in Water	>50%
• Foam Level	None.
• Cloud Point	None.
• Freezing Point	None.
• Rinsibility	Excellent.
• Stability	Indefinite when stored in a closed container in a cool dry place.

## **WARNING**

Prevent contact with skin, eyes and avoid contamination of clothing. Use approved nuisance mask, standard work gloves, and safety glasses. Do not ingest. This product is a mild skin and eye irritant characteristic of organic acids. Inhaling dust may cause mild symptoms of respiratory irritation. In case of contact, wash eyes and skin with plenty of water. Launder clothing before reuse. If inhaled, remove person to fresh air. If spilled, neutralize and flush with water or sweep and shovel. Dispose of waste material according to federal, state and local regulations. Do not mix with chlorinated solutions or compounds.

***Applied Membranes, Inc. assumes no liability for results obtained or damages incurred through the improper application of the above information and data.***

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