

AM-11 Product Specifications

Thin Film Composite RO Membrane Acid Cleaner

Especially Formulated for Removing Calcium Carbonate, Calcium Sulfate, Iron, Inorganic Scaling, Metal Hydroxides, Minerals, and Colloidal Material (Inorganic Type)

AM-11 is a stable, non-foaming, surfactant-free, acid compound specifically designed for TF type RO membranes and membrane systems. It is effective on many types of common mineral scales associated with membrane fouling. It is effective at low temperatures up to 120°F.

AM-11 is used at pH 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, odorless crystals
• pH (2% solution):	2 to 2.5
• Solubility in Water:	>50%
• Foam Level:	None
• Cloud Point:	None
• Freezing Point:	None
• Risibility:	Excellent
• Stability:	Indefinite when stored in a closed container under cool, dry conditions



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.