



ASHAION® MC 310 AC

High-Efficiency Acidic Membrane Cleaner

Safe. Effective. Membrane-Friendly.

Product Overview

ASHAION® MC 310 AC is a high-performance, organic acid-based membrane cleaner designed for use in Reverse Osmosis (RO), Nano-filtration (NF), and Ultra-filtration (UF) systems. It safely removes inorganic scales such as calcium carbonate, iron deposits, and metal hydroxides, ensuring prolonged membrane life and optimal system performance.

Key Features

- Powerful removal of mineral scale and metal oxide fouling
- Safer alternative to hydrochloric or nitric acid
- Compatible with all major membrane types (polyamide, cellulose acetate)
- Low-foaming formulation for CIP systems
- Biodegradable, non-fuming, and operator-safe
- Enhances water recovery and flow rates

Technical Specifications

Parameter	Value
Appearance	Clear to pale yellow liquid
pH (1% Solution)	2.5 ± 0.5
Specific Gravity @25°C	1.05 ± 0.05
Solubility	Fully soluble in water

Applications

- Reverse Osmosis membrane systems
- Industrial & commercial water treatment plants

- Bottled water plants and food/beverage facilities
- Chemical, textile, and pharmaceutical sectors

Packaging Available

- 5 kg | 25 kg | 50 kg HDPE drums
- Custom packaging available for OEMs

Dosage & Usage Guidelines



- Dilute to 2–5% in permeate or demineralized water
- Circulate at 25–35°C for 30–60 minutes
- Maintain solution pH between 2.0–3.0 during cleaning
- Always follow membrane manufacturer recommendations

Storage & Shelf Life

- Store in a cool, dry place away from sunlight
- Shelf Life: 12 months in sealed original packaging

Contact Us

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