



ASHAION® MA 340 B

High-Performance Antiscalant for Membrane Systems

Product Overview

ASHAION® MA 340 B is a specially engineered liquid antiscalant formulated to control a wide range of inorganic scale formations in membrane systems such as Reverse Osmosis (RO), Nanofiltration (NF), and Ultrafiltration (UF). Suitable for treating brackish water, wastewater, and seawater, this product enhances operational efficiency, extends membrane life, and reduces downtime due to cleaning.

Key Benefits

- ✓ Prevents scaling from calcium, barium, strontium, and silica compounds.
- ✓ Compatible with all major RO/NF membranes including Dow, Hydranautics, Toray, and others.
- ✓ Minimizes frequency of membrane cleaning cycles.
- ✓ Reduces operational costs and improves plant productivity.
- ✓ Effective over a broad pH range (5–9).
- ✓ Liquid formulation – easy to dose and mix.

Applications

- Brackish water RO plants
- Seawater desalination plants
- Effluent recycling systems
- Industrial wastewater treatment units
- Municipal water purification systems

Technical Specifications

Parameter	Value
Appearance	Clear to pale yellow liquid
pH (Neat)	3.0 – 5.0
Specific Gravity @ 25°C	1.10 ± 0.05
Solubility	Fully soluble in water
Shelf Life	12 months
Packaging	25 kg / 50 kg / 200 kg HDPE drums

Dosage & Use

Typical Dosage: 2-10 ppm based on feedwater characteristics and system recovery.

Consult our technical team for customized dosing recommendations and compatibility assessment.

Why Choose ASHAION® MA 340 B?

- ✓ Proven efficiency in diverse water conditions
- ✓ Backed by strong technical support
- ✓ High purity formulation
- ✓ Trusted brand – Asha Resins Limited

Contact Us

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