

PRODUCT DATA SHEET

PRODUCT NAME: RTW-411

TYPE: High-Performance Mild Acidic Membrane Cleaner

For Reverse Osmosis Systems

PRODUCT DESCRIPTION

RTW-411 is a specially developed mild acidic liquid cleaner designed for the effective removal of inorganic scale and metal-based foulants from reverse osmosis membranes. It targets common deposits such as **iron sulfate**, **aluminum sulfate**, **barium sulfate**, **calcium sulfate**, and **calcium carbonate**, restoring membrane performance and permeability.

KEY FEATURES & BENEFITS

- Highly effective at removing scale and metallic fouling
 - Non-foaming formulation for faster, more efficient cleaning
 - Compatible with most leading RO membrane types and manufacturers
 - Excellent rinsing characteristics ensure no residual carryover
 - Helps restore membrane flux and prolong service life
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APPLICATION INSTRUCTIONS

- **Dilution Ratio:** Use at a **5% concentration** in clean water
- **Cleaning Temperature:** Circulate the solution at **35–40°C**
- **Duration:** Circulate for **1–2 hours** based on fouling severity
- **Maximum Temperature:** Do not exceed **50°C**
- **Post-Clean Rinse:** Flush the system thoroughly with clean water for **10–15 minutes**

Cleaning conditions may vary based on membrane condition, fouling type, and system design. Always refer to your membrane manufacturer's recommendations before use.

STORAGE & SAFETY

Store in a cool, dry place, avoid direct sunlight, avoid contact with skin, eyes, and clothing. Use appropriate personal protective equipment.

PACKAGING

Polyethylene drums of 25 or 220 liters, containers of 1000 liters.