

PRODUCT DATA SHEET

PRODUCT NAME: RTW-410

TYPE: High-Performance Alkaline Membrane Cleaner Systems for Reverse Osmosis

PRODUCT DESCRIPTION

RTW-410 is a specially formulated alkaline liquid cleaner designed to effectively remove a wide range of foulants from reverse osmosis (RO) membranes. It targets and eliminates contaminants such as, Silt, Colloidal silica, Clay, Organic color, Bacterial slime, Grease, fats, and proteins.

KEY BENEFITS

- Highly effective in removing organic and particulate fouling
- Compatible with most RO membrane brands
- Excellent rinsing properties, ensuring minimal residue
- Enhances membrane life and system performance

APPLICATION GUIDELINES

Dilution:

- Prepare a 5% solution by diluting RTW-410 with Permeate water.

Cleaning Process:

- Circulate the cleaning solution through the membrane system.
- Maintain solution temperature between 35–40°C.
- Cleaning time: 1–2 hours (do not exceed 50°C).
- After cleaning, rinse the system thoroughly with clean water for 10–15 minutes.

Note:

Cleaning conditions (concentration, temperature, and duration) may be adjusted based on membrane condition, type of fouling, and system design. Always refer to your membrane manufacturer's guidelines for specific cleaning procedures.

Note: RTW-410 is compatible with all alkaline-resistant membranes. It is not recommended for cellulose acetate membranes.

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.