

UniClean America

FEATURES AND BENIFITS

- **Liquid Form:** Easy to handle and use.
- **High Active Substance:** Ensures effective cleaning with minimal product usage.
- **Buffered Solution:** Maintains a stable pH of 3.6 for optimal cleaning performance.
- **Effective Fouling Removal:** Efficiently eliminates rust, iron, and mineral fouling, as well as light calcium carbonate scaling.
- **Enhanced Membrane Performance:** Maintains optimal membrane performance by preventing and removing fouling and scaling.
- **Prolonged Membrane Life:** Regular use as part of a preventive maintenance program helps extend the life of RO membranes.
- **Buffered Formulation:** Ensures consistent pH control during the cleaning process.
- **Easy to Use:** Liquid form simplifies preparation and application, reducing downtime.

UCA+ RO ACIDIC CLEANER

PRODUCT DESCRIPTION:

Introducing UCA+ RO ACIDIC CLEANER, a specialized membrane cleaner designed to tackle the toughest challenges in reverse osmosis (RO) systems. This powerful formula effectively removes rust accumulations, iron, and other mineral foulants, while also addressing light calcium carbonate scaling. UCA+ RO ACIDIC CLEANER is your go-to solution for maintaining optimal membrane performance and extending the life of your RO systems.

APPLICATIONS: UCA+ RO ACIDIC CLEANER is ideal for cleaning and maintaining RO membranes, ensuring they remain free from fouling and scaling. It is particularly effective in systems fed with high metal ion foulants, helping to sustain system performance and prevent efficiency losses.

DIRECTIONS FOR USE:

1. **Preparation:** Prepare the cleaning solution with clean water to achieve a 4% (by weight) solution, maintaining a pH of approximately 3.6.
2. **Application:** Follow membrane manufacturer recommendations and OEM guidelines for cleaning procedures. Adjust cleaning solution temperature and pH as needed to suit system requirements.
3. **Cleaning Process:** Typically, cleaning is completed within 2-3 hours, depending on the extent of fouling. If the cleaning solution turns red/brown, replace it as it has become exhausted.
4. **Flushing:** Thoroughly flush the system with clean water to remove any traces of chemicals.
5. **Equipment Compatibility:** Use storage and application equipment made from stainless steel (304, 316), PE, PP, PVC, Neoprene, Buna-N, Hypalon, EPDM, HDPE, ULDPE, or coated steel. Avoid using materials such as PU, Viton, Vinyl, or Epoxy phenol in contact with the product.

PHYSICAL PROPERTIES:

Appearance:	Clear Liquid
Density [g/ml]:	1.1-1.2
Form:	Acidic
PH:	>2-3



EXCELLENT QUALITY
ENVIROMENTAL ECOFRIENDLY

✓ CLEAN SHIP

✓ CLEAN SEA

✓ CLEAN TANK

UniClean America

CRUCIAL NOTICE:

Unlock the Safety Data Sheets (SDS) for UniClean America's products—your compass for health and safety when handling our chemicals. Before diving into our products, every manager and employee must delve into these sheets to ensure a smooth sail through safe usage.

We are committed to providing precise and dependable information. Nevertheless, it's on you, the user, to wield and employ our product prudently, fully aligned with all laws and regulations. UniClean America and our suppliers don't guarantee any warranties—explicit or implied—pertaining to the product, including its marketability. This product is exclusively offered for your scrutiny and trials. This information does not extend any patents or licenses, either stated or inferred.



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