

UniClean America

FEATURES AND BENIFITS

- **Optimal Performance:** Maintains evaporator output and distillate quality.
- **Cost Efficiency:** Reduces downtime and maintenance costs.
- **Safety:** Approved by NSF International and meets FDA 21 CFR, Section 173.310 standards for use in potable water systems.
- **Easy to Use:** Simple dosage control and safe for use in various evaporator types.
- **Scale Prevention:** Prevents scale formation and reduces the need for acid descaling.
- **Foam Control:** Minimizes foaming and carry-over, ensuring purity of distillate.
- **Environmentally Friendly:** Biodegradable formulation.
- **Versatile:** Suitable for both vacuum and high-pressure evaporators.
- **Choose UCA EVAPORATOR TREAT for a reliable and efficient solution to maintain the performance and longevity of your evaporators, ensuring high-quality distillate production and reduced maintenance efforts.**

UCA EVAPORATOR TREAT

PRODUCT DESCRIPTION:

UCA EVAPORATOR TREAT is a cutting-edge, polymer-based liquid additive designed to maintain optimal performance and efficiency in marine and industrial evaporators. Formulated with advanced sodium polyacrylate, dispersants, neutral acid sequestering agents, and defoaming agents, UCA EVAPORATOR TREAT effectively prevents scale formation, reduces foaming, and ensures high-quality distillate water production.

APPLICATIONS:

UCA EVAPORATOR TREAT is suitable for use in both high- and low-pressure evaporators, providing comprehensive protection against scale build-up, foaming, and carry-over. It is ideal for marine applications and industrial systems where maintaining optimal evaporator output and distillate quality is critical.

DIRECTIONS FOR USE:

1. Dilution: Dilute UCA EVAPORATOR TREAT with fresh water according to the recommended dosage rates.
2. Continuous Feeding: Feed the diluted solution continuously to the evaporator seawater inlet via a chemical dosing tank equipped with a flow meter. Alternatively, inject directly into the evaporator feedwater line or shell using a metering pump system.
3. Dosage Rate: Use 40 ml of UCA EVAPORATOR TREAT per ton of water produced by the evaporator per day.

DOSING METHOD:

1. Preparation: Dilute the required amount of UCA EVAPORATOR TREAT with fresh water in the chemical dosing tank to the normal working level.
2. Adjustment: Adjust the flow rate from the flow meter to ensure continuous delivery of the chemical over 26 hours.
3. Optimization: To maintain optimal performance, remove any existing mineral deposits using a suitable descaler before starting treatment.

PHYSICAL PROPERTIES:

Appearance:	Amber
Density [g/ml]:	1.26-1.066
Form:	Liquid
PH::	9-10



EXCELLENT QUALITY
ENVIROMENTAL ECOFRIENDLY

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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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