

UniClean America

FEATURES AND BENEFITS

•Advanced Defoaming Technology:

Formulated to immediately reduce foam in water-based environments without leaving residues.

•Broad Application Range:

Effective in sewage lines, wastewater processes, and vacuum toilet systems, as well as other open or closed water loops.

•**Thermally Stable:** Remains active at elevated temperatures, resisting breakdown or precipitation.

•**Alkaline-Compatible:** Performs well in alkaline conditions, making it suitable for various industrial and marine water treatment setups.

•Safe for the Environment:

Biodegradable ingredients with no harmful emissions, ensuring minimal impact on personnel and surroundings.

•**Optimized Particle Size:** Designed for consistent dispersion and stable defoaming action over extended periods.

•**Long-Lasting Foam Control:** Once applied, UCA+ DEFOAMER CONCENTRATE continues to prevent foam regeneration in most water-based systems.

•**Versatile Usage:** Ideal for removing and preventing foam in different operational contexts, from vacuum toilets to high-capacity wastewater systems.

•**User-Friendly:** Straightforward handling, storage, and dosing. Can be added undiluted or pre-mixed with water for improved dispersion in colder or low-agitation conditions.

•**Cost-Effective:** Concentrated formula lowers required dosage rates, reducing overall operational costs.

UCA+ Defoamer Concentrate

PRODUCT DESCRIPTION:

UCA+ DEFOAMER CONCENTRATE is a high-performance antifoam solution designed for quick and efficient foam control in water-based systems. Engineered for use in applications such as vacuum toilet systems, sewage treatment, and pressurized waste equipment, it disperses rapidly to suppress foam formation and maintain system stability. Its carefully balanced composition ensures reliable performance across a wide range of temperatures and pH levels.

DOSAGE AND MONITORING:

Initial Assessment: Evaluate the foam intensity, temperature, and agitation level. Conduct a small-scale trial if necessary to determine optimal dosage.

Dilution (Optional): For cold or low-mixing conditions, pre-mix 1 part UCA+ DEFOAMER CONCENTRATE with 4–5 parts fresh or demineralized water to ensure full dispersion.

Application:

Sewage and Vacuum Toilet Systems: Introduce the product directly into the EVAC ejector tank (or similar collection point) roughly 30 minutes before peak load.

General Wastewater / Pressurized Systems: Apply into the system inlet or recirculation line to ensure thorough mixing.

Dosage: Typically, 10–30 ml per tonne of system water is sufficient. Adjust as needed based on foam severity and operating conditions.

Monitoring: Check foam levels after application. Reapply or adjust dose if necessary. If diluted product is not used within 24 hours, stir or mix again prior to application.

PHYSICAL PROPERTIES:

Handling & Storage

- Store in a cool, dry area away from direct sunlight or extreme temperatures.
- Keep containers tightly closed when not in use.
- For best results, use within the recommended shelf life.

Safety & Environmental Considerations

- Non-fuming, low-toxicity formulation is safe for shipboard environments and personnel when used as directed.
- Biodegradable composition meets stringent environmental standards.
- In case of direct eye contact, rinse thoroughly with water and consult medical advice if irritation persists.
- Keep out of reach of children.



EXCELLENT QUALITY

ENVIRONMENTAL 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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ENVIROMENTAL ECOFRIENDLY