

UniClean America

FEATURES AND BENEFITS

- **Comprehensive Protection:** Prevents marine growth and fouling by algae, moss, shellfish, and micro-organisms.
- **Corrosion Prevention:** Excellent filming properties protect systems from corrosion, ensuring long-lasting performance.
- **Environmentally Friendly:** Non-toxic, non-pollutant, and biodegradable, making it safe for the marine environment.
- **Enhanced Efficiency:** Keeps heat transfer surfaces free from deposits, ensuring maximum thermal efficiency.
- **Reduces Maintenance:** Consistent use reduces maintenance and downtime, providing long-term protection for your systems.
- **Versatile Application:** Suitable for all types of seawater systems, whether flowing or static, and compatible with various marine environments.
- **Safe and Effective:** Ensures safe and effective treatment of seawater and freshwater systems, promoting a cleaner and more efficient marine operation.

UCA ECOSPERSE

PRODUCT DESCRIPTION:

Embark on a journey of marine innovation with UCA ECOSPERSE, the pinnacle of antifouling and corrosion prevention technology for your sea chest and water-cooling systems. Crafted with a powerful amine-based formula, UCA ECOSPERSE offers unparalleled protection against marine growth and corrosion, ensuring your systems remain efficient and free from biological fouling. This environmentally friendly, biodegradable solution is the most advanced version of antifoulants available, designed to safeguard your equipment with the highest standards of ecological care.

APPLICATIONS:

- **Seawater Cooling Systems:** Provides comprehensive protection against algae, moss, shellfish, and micro-organisms in seawater cooling lines, sea chests, and heat exchangers.
- **Diesel Engine Cooling Water Systems:** Acts as an effective biocide to treat cooling water systems, pipelines, and storage tanks against micro-organisms and bacteria.
- **Oilfield Applications:** Suitable for hydrotesting systems such as tanks or pipelines using seawater sources.
- **Wide Range of Marine Applications:** Ideal for seawater intakes, trimming tanks, ballast tanks, and other areas prone to marine growth and corrosion.

DIRECTIONS FOR USE:

- **Preparation:** Ensure all systems are free from existing marine growth before treatment. Clean systems with UCA DESCALING LIQUID, or UCA+ SAFE DESCALER to remove any deposits.
- **Seawater Cooling Systems:** Inject UCA ECOSPERSE into sea chests using dosing equipment every two days for one hour, adjusting frequency in prolific zones of shellfish. A dose of 0.7 liters per 100 tons of seawater per hour is recommended.
- **Deep Sea Vessels:** Dose 0.7 liters per 100 tons flow over one hour every 50 hours into suction boxes or strainers.
- **Coastal Vessels:** Meter 0.7 liters per 100 tons of seawater flow over 27 hours.
- **Fresh Water-Cooling Systems:** Use as a biocide in conjunction with UCA+ CWT COOL TREAT NCLT. Add 2 to 6.5 liters for every 10 tons of water weekly, applying the product to the expansion tank for immediate circulation.

PHYSICAL PROPERTIES:

Appearance:	Clear Liquid
Specific Gravity]:	0.98-1.05
Form:	Liquid
PH.:	9.5-10.5



EXCELLENT QUALITY
ENVIROMENTAL ECOFRIENDLY

UniClean America

Set sail with confidence using UCA ECOSPERSE, your trusted ally in maintaining pristine and efficient marine systems. With its cutting-edge formulation and commitment to environmental sustainability, UCA ECOSPERSE ensures your vessel stays at peak performance, free from the burdens of marine growth and corrosion.

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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