

UniClean America

FEATURES AND BENEFITS

- Ensures full protection of boiler and condensate systems.
- Liquid formulation for easy application.
- Incorporates powerful polymer dispersants to maintain suspended solids for efficient blowdown.
- Suitable for modern engineering demands onboard vessels, minimizing repair costs with proper monitoring and control.

UCA+ OBW ORGANIC LIQUID PLUS

PRODUCT DESCRIPTION:

Introducing UniClean America OBW Organic Liquid Plus, a sophisticated boiler water treatment solution meticulously crafted to prevent scaling and corrosion in boiler systems. This innovative formula integrates phosphate, alkalinity adjusters, polymer dispersants, and oxygen scavengers, delivering comprehensive protection for boilers operating under varying pressures.

APPLICATIONS: Ideal for use in both low and moderate-pressure boilers, UCA+ OBW Organic Liquid Plus is designed to maintain optimal P-Alkalinity levels, crucial for preventing scale buildup and corrosion. This advanced treatment is recommended for systems using distilled water or high-quality water from onboard fresh water makers.

Experience the superior protection and efficiency of UCA+ OBW Organic Liquid Plus, your essential solution for maintaining pristine boiler systems.

DOSAGE AND CONTROL:

For optimal results, UCA+ OBW Organic Liquid Plus should be dosed directly into the boiler feedwater line via a bypass pot feeder. If a bypass feeder is unavailable, the product can be added to the hot well, though this is not recommended as a long-term solution. Regular blowdown is essential to remove accumulated sludge and solids.

- **Initial Dosage:** For a new or untreated system, use 2.4 liters per ton of boiler water volume to achieve approximately 200 ppm P-Alkalinity.
- **Maintenance Dosage:** Adjust based on P-Alkalinity test results; typically, 1.2 liters per ton will raise P-Alkalinity by about 100 ppm.
- **Control Parameters:** Maintain P-Alkalinity between 100–300 ppm. The pH of the boiler water should be kept between 9.5 and 11.0, with boiler chloride levels not exceeding 90 ppm.

For comprehensive boiler water treatment, it is recommended to use UCA+ OBW Organic Liquid Plus in conjunction with our oxygen scavenger and condensate treatment to neutralize acids and prevent corrosion throughout the system.

PHYSICAL PROPERTIES:

Appearance:	Light Yello
Density [g/ml]:	1.05-1.15
Form:	Liquid
PH:	<13



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.

information.



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