

# UniClean America

## FEATURES AND BENIFITS

- **Enhanced Combustion:** Reduces the ignition temperature of soot, improving combustion efficiency and reducing carbon and ash deposits.
- **Cleaner Engines:** Minimizes soot formation and smoke emissions, keeping engines and exhaust systems cleaner.
- **Fuel Stability:** Inhibits sludge formation and stabilizes fuel viscosity, ensuring better fuel flow and atomization.
- **Emission Reduction:** Significantly reduces NOx, SOx, and other gaseous emissions, contributing to a greener environment.
- **Corrosion Protection:** Inhibits the formation of acid gases, preventing sulfuric acid corrosion in cooler parts of the engine or boiler system.
- **Extended Equipment Life:** Reduces piston ring groove fouling and ash deposit formation, prolonging the service life of turbochargers, exhaust valves, and other critical components.
- **Operational Efficiency:** Ensures smoother operation with less maintenance downtime, enhancing overall fuel economy and engine performance.
- **Eco-Friendly:** Biodegradable formulation ensures safe and sustainable use.

**Choose UCA+ FOT DUAL PURPOSE to revolutionize your fuel management, delivering unmatched performance, efficiency, and reliability. Experience the transformation of your fuel systems with cleaner operations, reduced emissions, and prolonged equipment lifespan.**

## UCA+ FOT DUAL PURPOSE

### PRODUCT DESCRIPTION:

Unlock the full potential of your fuel with UCA+ FOT DUAL PURPOSE, an exceptional combustion catalyst and fuel stabilizer designed to enhance engine performance and fuel efficiency. This innovative additive works tirelessly to reduce soot, improve combustion, and stabilize fuel, ensuring your engines and boilers run smoother, cleaner, and longer.

### APPLICATIONS:

UCA+ FOT DUAL PURPOSE is perfect for use in marine diesel engines, boilers, and various types of heavy fuel oils. Whether you're operating with very low sulfur fuel oils or residual marine fuels, this versatile catalyst will optimize fuel performance, reduce emissions, and prolong the lifespan of your equipment.

### DIRECTIONS FOR USE:

1. **Injection Point:** The ideal injection point varies according to the layout of your engine or boiler fuel system. For best results, use a metering pump to dose the additive into the suction side of the fuel pump (for diesel engines) or into the burner feed line (for boilers). Alternatively, add the additive directly to the day tank before refilling the bunker tanks.
2. **Dosage Rate:**
  - General recommendation: 1 liter of UCA+ FOT DUAL PURPOSE per 4500 liters of heavy fuel oil.
  - For preventive treatment: Use 1 to 2 liters for every 2000 liters of fuel oil, adjusted based on engine characteristics and operating conditions.
  - For enhanced performance: Dosage may range between 1 liter to 3.3 liters per 10 tons of fuel.

### PHYSICAL PROPERTIES:

Appearance: Clear And Dark Brown

Density [g/ml]: 0.96

Form: Liquid

Flash Point: >61



**EXCELLENT QUALITY**  
**ENVIROMENTAL ECOFRIENDLY**

✓ CLEAN SHIP

✓ CLEAN SEA

✓ CLEAN TANK

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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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