

# UniClean America

## FEATURES AND BENIFITS

- **Form:** Alkaline liquid cleaner with clinging agent for thorough coverage.
- **Additive:** Contains a special additive to assist in the removal of vanadium deposits.
- **Application:** Used undiluted for maximum effectiveness.
- **Effective Soot Removal:** Rapidly and completely removes soot deposits from exhaust gas systems.
- **Acid Neutralization:** Neutralizes acidic components to prevent corrosion and maintain system integrity.
- **Prevents Blockages:** Reduces the risk of casing drain blockages, ensuring smooth operation.
- **Thermal Efficiency:** Maintains the thermal efficiency of heat recovery units by removing insulating deposits.
- **Fire Risk Reduction:** Greatly reduces the risk of fire by eliminating carbon and sulphur build-up.
- **Comprehensive Cleaning:** Ensures thorough cleaning of all areas, including tubes, fins, and out-of-sight components.

## UCA+ GAS SIDE CLEANER

### PRODUCT DESCRIPTION:

Introducing UCA+ GAS SIDE CLEANER, the ultimate solution for maintaining the cleanliness and efficiency of your motor vessel's exhaust gas heat recovery units. This powerful alkaline liquid is specially formulated to tackle stubborn deposits from exhaust gas economizers and heat recovery systems. With its advanced cleaning action and added vanadium removal agent, UCA+ GAS SIDE CLEANER ensures your systems operate at peak performance while reducing fire risks and maintaining thermal efficiency.

**APPLICATIONS:** UCA+ GAS SIDE CLEANER is ideal for use in motor vessel exhaust gas heat recovery units of all designs. It effectively cleans fouled exhaust trunks and is perfect for washing down auxiliary and main boilers from the uptakes, through economizers, generating tube banks, superheaters, membrane walls, water walls, and furnaces. This versatile cleaner is essential for maintaining the cleanliness and efficiency of your ship's exhaust systems.

### DIRECTIONS FOR USE:

#### Preparation:

1. **Drain Check:** Ensure that the casing drains to the bilge are open and clear.
2. **Turbocharger Drain:** Open the turbocharger casing drain to the bilge, if applicable.

#### Application:

1. **Spray Equipment:** Prepare the spray equipment and connect it to the UCA+ GAS SIDE CLEANER drum.
2. **Spray Application:** Spray UCA+ GAS SIDE CLEANER undiluted starting from the highest points of the system. The clinging agent will ensure the cleaner runs around tubes/fins and drains onto the next bank. Maintain a steady spray until the entire unit is soaked. For very large systems, spray different sections as needed.
3. **Soak Time:** Allow the cleaner to soak for 30 to 60 minutes for optimal results.

#### Washing Procedure:

1. **Fresh Water Jet:** Wash off the deposits using a fresh water jet, starting from the highest point and working downwards.
2. **Drain Check:** Continuously check the drains of the casings during the wash-down process to ensure they remain clear.
3. **Inspection:** Thoroughly inspect the system after cleaning. Repeat the cleaning process if necessary to achieve complete cleanliness.



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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ENVIROMENTAL ECOFRIENDLY