

UniClean America

FEATURES AND BENEFITS

- **Catalyzed Hydrazine:** Ensures rapid oxygen scavenging and metal surface passivation.
- **Oxygen Scavenger:** Effectively removes oxygen, preventing corrosion.
- **Metal Protection:** Forms a magnetite layer on steel surfaces, providing a passive protective barrier.

Features:

- **Fast-Acting:** Quickly reacts with oxygen to prevent corrosion and protect metal surfaces.
- **Versatile Application:** Suitable for all sizes and types of boilers, including high and low-pressure systems.
- **Organic Corrosion Inhibitor:** Reduces corrosion in pre-boiler condensate and feedwater systems.
- **Non-Increasing Dissolved Solids:** Does not add to the dissolved solids in the system.
- **Easy to Dose and Control:** Can be fed neat or diluted, with simple control using a hydrazine test kit.

Benefits:

- **Enhanced Protection:** Maintains passive metal surfaces, extending the life of the boiler system.
- **Improved Efficiency:** Reduces the risk of overheating and system failure due to oxygen corrosion.
- **Cost-Effective:** Reduces maintenance costs by minimizing corrosion and extending the intervals between chemical cleanings.
- **Safety and Compliance:** Provides an environmentally friendly and safe alternative to hazardous and potentially carcinogenic treatments.

UCA+ HYDRAZINE OXYGEN CONTROL

PRODUCT DESCRIPTION:

Introducing UCA+ HYDRAZINE OXYGEN CONTROL, an advanced liquid compound formulated with catalyzed hydrazine for rapid and efficient oxygen scavenging in boiler feed water and condensate systems. This innovative treatment not only removes dissolved oxygen but also maintains passive metal surfaces, ensuring comprehensive protection and extending the lifespan of your boiler systems.

APPLICATIONS:

UCA+ HYDRAZINE OXYGEN CONTROL is ideal for:

- **High-Pressure Boilers:** Especially suited for high-pressure systems where rapid oxygen corrosion can lead to overheating and failure.
- **Low-Pressure Boilers:** Effective in auxiliary and low-pressure systems to prevent corrosion.
- **Pre-Treatment and Lay-Up:** Excellent for pretreatment of new boiler plants and for protecting idle boilers during storage periods.

DIRECTIONS FOR USE:

1. **Initial Dosage:** Add UCA+ HYDRAZINE OXYGEN CONTROL continuously by means of a chemical pump at the earliest practicable point in the feed system, such as the deaerator storage or condenser extraction pump discharge. For low-pressure boilers, inject in the water feed line after the recirculation point or directly into the hot well.
2. **Dosage:** The initial dose for an untreated system is 100 ml per ton of water. Maintenance dosages will be adjusted based on hydrazine test results. Typically, dose 1 liter per 10 tons of water capacity daily.
3. **Control:** Maintain hydrazine levels within the recommended range of 0.05 - 0.1 ppm. Regularly measure the hydrazine concentration using the UCA BOILER WATER TEST SET.

Choose UCA+ HYDRAZINE OXYGEN CONTROL for superior protection and maintenance of your boiler systems. With its rapid oxygen scavenging and metal passivation capabilities, ensure your systems operate efficiently, safely, and with extended durability.

PHYSICAL PROPERTIES:

Appearance:	Clear Liquid
Density [g/ml]:	1
Form:	Liquid
PH:	12



EXCELLENT QUALITY
ENVIRONMENTAL 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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