



# ZYME-OX PLUS Z50

*Neutralizes ammonia in half the time.*

## AMMONIA REMOVER ESPECIALLY FOR HYDROTREATERS

### About Zyme-Ox Plus

Ammonia is encountered during the decontamination of process units: Zyme-Ox Plus is ZymeFlow's solution. Zyme-Ox Plus is used in circulation applications to rid process equipment of ammonia, sulfides, pyrophoric, polythionates and thiosulfates. It also removes residual oil and gas where heat and steam may not be an option. ZymeOX Plus also provides corrosion protection by neutralizing polythionic acids which can cause stress cracking corrosion of stainless steel components.

Our strongest oxidizing formula, Zyme-Ox Plus oxidizes contaminants and chemically neutralizes the ammonia trapped in sludge and residuals. The reactions occur almost immediately and decontamination is completed in half the time of ordinary treatments. Zyme-Ox Plus is a safe and effective alternative to sending ammonia-bearing water to the wastewater facility.

### Benefits

#### Flexibility



Hybrid surfactant oxidizer blend for immediate oxidation of pyrophoric iron sulfide with added component for the removal of residual ammonia. It can also be used in presoaks & flushes as a second level of defense against pyrophorics.

#### Time Efficient



Utilizing Zyme-OX Plus in circulation allows for quick, single-step decontamination of units.

#### Low Hazard



Safe for personnel and equipment, Zyme-Ox Plus washes away completely and is 100% biodegradable.

### GET IN TOUCH

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## AMMONIA REMOVER ESPECIALLY FOR HYDROTREATERS

### At A Glance

#### Targeted Applications

- Any vessels where ammonia is an issue
- Hydrotreaters
- Fuel Gas Header Piping
- Towers
- Horizontal Vessels
- Exchangers
- Packed Beds, Demister Pads and other units notorious for harboring pyrophorics

#### Removes Contaminants

- Ammonia
- Sulfides
- Pyrophorics
- Polythionates
- Thiosulfates

#### Proprietary Chemistry

- ZymeOX Plus oxidizes heavier mercaptans, organic sulfides and cyanides
- Ammonia not covered by a fragrance or dilution, but chemically neutralized
- Strong oxidizing formula provides extra protection against pyrophoric iron sulfides
- Does not contain VOC's

### CHEMICAL CORNER

- *Effective at < 200 °F*
- *6.5-7 pH at application strength*
- *Washes away completely*
- *100% Biodegradable*

### Safe & Efficient

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