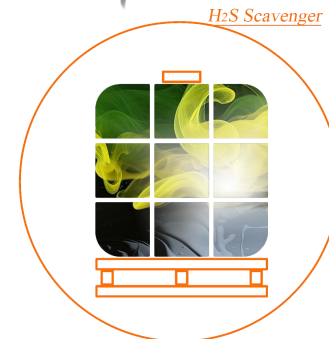


## Oil Soluble Sulfur Scavenger for Oil & Gas Systems

Advanced Zinc-Based Solution for Efficient Hydrogen Sulfide Control in Oilfield Systems



## Product #: UBPro-446

### Introduction

UBPro-446 is a high-performance, liquid, non-aqueous zinc-based hydrogen sulfide (H<sub>2</sub>S) scavenger designed for efficient removal of H<sub>2</sub>S in oil and gas production systems. It is specifically formulated for direct injection applications, including pipelines, storage tanks, gas treatment units, and multiphase flow systems. UBPro-446 provides fast and reliable H<sub>2</sub>S control, helping to reduce corrosion risks and improve operational safety in sour environments.

### Technical Index

| Items                  | Specifications                          |
|------------------------|-----------------------------------------|
| Appearance             | Colorless to pale yellow viscous liquid |
| Water Solubility       | Insoluble                               |
| pH value(neat)         | 5.5-8.0                                 |
| Specific gravity(20°C) | 0.95-1.25                               |

### Key Benefits

- ✓ Oil-Phase Solubility: Highly effective in hydrocarbon systems for complete H<sub>2</sub>S treatment
- ✓ High Reaction Efficiency: Rapid and effective neutralization of hydrogen sulfide and mercaptans
- ✓ Wide Operational Flexibility: Suitable for a broad range of temperatures and field conditions
- ✓ Direct Injection Ready: Easy integration into pipelines and production systems

### Applications

#### UBPro-446 is widely used in oilfield and petrochemical systems for hydrogen sulfide control:

- ✓ Oil & Gas Production Systems: Removal of H<sub>2</sub>S from crude oil, associated gas, and multiphase flow streams
- ✓ Produced Water Treatment: Elimination of dissolved sulfides prior to discharge or reinjection
- ✓ Refining & Petrochemical Units: Protection of process equipment against sulfide corrosion
- ✓ Drilling Fluids (Oil-Based Mud Systems): Control of sulfide contamination in drilling operations

### Recommended Handling

- ✓ Recommended dosage depends on system conditions such as H<sub>2</sub>S concentration, flow rate, and system configuration.
- ✓ Typical treatment range: 100 – 250 ppm (w/v) Pilot testing is recommended to determine optimal dosage for specific field conditions.
- ✓ UBPro-446 should be handled as an industrial chemical. Operators must wear appropriate personal protective equipment (PPE) and follow all safety guidelines provided in the Material Safety Data Sheet (MSDS).

### Packaging and Storage

- Packaging: 55-gallon drums / 1000 L IBC
- Storage: Store in a cool, dry, well-ventilated area away from heat, sparks, and open flames. Keep containers tightly closed.
- Shelf Life: 24 months in original, unopened container under proper storage conditions

For more information on the UBPro H<sub>2</sub>S Scavenger Series, Send email: [info@youzhuchem.com](mailto:info@youzhuchem.com), or call 0086 13408536218 or for information on other YouzhuCHEM products visit [youzhuchem.com](http://youzhuchem.com)