

## Product Data Sheet

### Introduction

- UBPro-443 is a kind of organic phosphates-based scale dissolver.
- During oil and gas gathering and transportation, metallic sulfide scales create flow assurance challenges. In some fields, metallic scale will cause well failure necessitating “pulling” a unit to perform of tubing replacement, rod replacement and pump replacement.
- UBPro-443 truly inhibits sulfide scale formation at much lower dose rates and controls the Iron Sulfide and other sulfide scales. In addition, this product can dramatically increase the running days of wells.

### ➤ Typical Physical Properties

Properties	Specification
Appearance	Colorless to brown liquid
Solubility (@25°C)	Soluble in water
Flash Point, °C	65Min
Specific gravity(g/ml,20°C)	1.00 –1.20

### Application

UBPro-443 can be used to dissolve metallic sulfide scales in oil and gas gathering and transportation. It is effective on a weight-for-weight basis on several different polymorphs of iron sulfide scale. Actual dosage depends on the scale type and severity. UBPro-443 offers the following advantages:

- High performance with significant advantages over existing chemistries.
- Dissolves existing iron sulfide deposits at low concentrations as required by the application.
- Improved economics over existing continuous treatments.
- Effective over a broad range of temperature, pressure and salinity conditions.

### Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

### Packaging and Storage

Packed in 55 gallon plastic drum or 1000LIBC.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and /or stacking.