

Product Data Sheet

Introduction

UBDrill-152 is a kind of water-soluble iron-based hydrogen sulfide scavenger suitable for use in non-aqueous and water-based drilling fluids. In oil field drilling and sewage, S, S²⁻, SO₄²⁻ is the main form of the sulfur, S, SO₄²⁻ can be reverted to S²⁻ under the role of Sequencing Batch Reactor. sulfides and water are formed by the reaction between hydrogen sulfide and oxides on the surface of steel, eventually make wall perforation, interfere with the normal production.

Typical Physical Properties

Properties	Specification
Appearance	Light yellow-green granule powder
pH (1% DI water solution)	4.0-5.5
Solubility (LB/BBL) , %	100
Bulk density, g/cm ³	0.65-0.85

Applications

- Drilling and completion fluid.
- Oil and gas gathering and transportation.
- Water treatment.

Advantages

- High solubility (nearly 20%wt in water).
- Zinc and amine free.

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

Packaged in 55-lb (25-kg) bags and pails.

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.