

COMPLETION FLUIDS & ADDITIVES PRODUCT

TETRA BREAK LT

Polymer Breaker

OVERVIEW

TETRA Break LT polymer breaker is a potent low-temperature oxidizing agent designed to efficiently break down polymer residue and starches and thereby facilitate the flowback of bridging material through gravel screens. A white crystalline solid that is dissolved in fresh water prior to use, TETRA Break LT polymer breaker, breaks down the long-chain molecules of polymers and starches.

APPLICATIONS

TETRA Break LT polymer breaker should be dissolved in fresh water immediately prior to use in a vented tank constructed of appropriate material. Based on downhole temperature and duration of treatment, concentrated TETRA Break LT polymer breaker is metered to the carrier fluid as it is pumped downhole. Unused TETRA Break LT polymer breaker solution should be neutralized prior to disposal.

BENEFITS

- ▶ Compatible with most standard drilling fluids and fluid-loss pills.
- ▶ Effective at low temperatures.
- ▶ Effective at low concentrations.
- ▶ Lower handling risks than liquid oxidizers.

FEATURES

- ▶ Water-soluble, white crystalline solid.
- ▶ Selectively degrades polymers and starches in calcium carbonate fluid-loss pills.
- ▶ Enables flow back of drilling fluid containing bridging and viscosifier materials through gravel pack screens.

RECOMMENDED TREATMENT

- ▶ Typical usage concentrations range from 6 to 20 lbs per barrel of carrier fluid, depending on bottomhole temperature and duration of treatment.
- ▶ Consult a TETRA representative for specific applications.

SAFETY AND HANDLING

- ▶ Please refer to the product's Safety Data Sheet.

PHYSICAL PROPERTIES

Appearance

White powder

Specific Gravity

123 lb/ft³ (1.98 g/cm³)

pH

4.0 @ 1% solution

Water Solubility

85% @ 77°F (25°C)

PACKAGING INFORMATION

55 lb (25 kg) bags



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