



ENZYME-BREAKER®

UNIVERSAL BREAKER FOR BIOPOLYMER FLUIDS



MATRIX ENZYME-BREAKER® is designed for use in neutralizing BLACK-BEAR® Biodegradable Drilling Fluid, borate cross-linked fracturing, Zero Valent Iron slurries, and other common biopolymer type applications. Rate of break depends upon dose, pH, and temperature. The following guidelines are used as general recommendations only and may vary with field conditions. It is best suited for biopolymer solutions with a pH from 5-11. MATRIX ENZYME-BREAKER is a freeze-proof suspension of active enzymes in a carrier liquid.

ENZYME-BREAKER specifically breaks long-chain polymers without causing undesirable damage to the formation. It is non-toxic compared to other breakers.

BENEFITS

- Non-toxic
- Stable and easy to use
- Economical and safe



| TYPICAL PROPERTIES | |
|--------------------|----------------------|
| Appearance | Amber colored liquid |
| Bulk Density | 9.10-9.26 lbs/gal |
| Freezing Point | 14°F |
| pH (1% Solution) | 7.0-7.5 |
| non-toxic | |

MIXING INSTRUCTIONS: ENZYME-BREAKER is a highly concentrated solution and should be diluted in fresh water prior to use. Add 1 gallon ENZYME-BREAKER to 9 gallons of water. 1/8 pt to 1/2 pt per 1000 gallons. Fluids with high ph will require 1/2 pt to 1 pt per 1000 gallons.

PACKAGING: ENZYME-BREAKER is packaged in 1 gallon (3.785 L) plastic bottles, 4 bottles per box, 36 boxes per pallet. All pallets arrive wrapped in orange stretch wrap.

AVAILABILITY: ENZYME-BREAKER can be purchased through MATRIX Construction Products. Orders@matrixcp.com



The information contained herein is believed to be accurate and reliable. MATRIX Construction Products, LLC (MATRIX) accepts no responsibility for the results obtained through application of this product. MATRIX reserves the right to update information without notice. For the most current information see our website matrixcp.com.

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