PETROLIZE HTA+

P2215.1803

WBM Drilling

Product Description

Super Concentrated High Temperature Amylase Breaker for Starch-Xanthan filter-cakes in Oilfield boreholes. PETROLIZE™ HTA + is an advanced version of the Petrolize HTA enzyme. It is a Concentrated High Temperature Stable Bacterial Alpha Amylase, suitable to hydrolyze a Starch-Xanthan filter-cake formed as a deposit by a typical Reservoir Drill-in fluid. This microbial enzyme protein will work between borehole temperatures of 60 to 130 Deg C and pH range of 5 to 9. It is compatible with Calcium Chloride brines up to 1.34 SG.

Product Function

PETROLIZE™ HTA + minimizes well downtime as completed well can be placed on-line in much lesser time than conventional acid breakers and cleanup. Enhances production and reduces cost of production in terms saving time and metallurgy.

Features and Benefits

PETROLIZE™ HTA + will not promote corrosion of screens and other down hole components since it made of Enzyme Protein. PETROLIZE™ HTA + enzyme is 100% biodegradable and the hydrolysis products are simple sugar. Amylase enzyme proteins being specific for the starch in the filter cake PETROLIZE™ HTA + will not react with tubing, which otherwise would increase iron concentration and result in sludging and iron precipitation problems.

Recommended Treatment

Treatment levels are determined by specified requirements.

International Shipping References

Transportation of PETROLIZE™ HTA + is not restricted by any regulatory agency.

Standard Packing

PETROLIZE™ HTA + is packaged in 25 kgs and 210 kgs polyethylene drums.

Safe Handling Recommendations

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Material Safety Data Sheet for specific details.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Reservoir
- Sub Category: Starch Breaker
- SG value: 1
- pH: 6 - 8
- Odor: Slight fermentation odor
- Max Temperature: 300
- Category: Breaker Additives
- Product Tier: Regular
- Appearance: Amber liquid
- Specific Gravity (25 ?C): 1.00 – 1.20
- Enzyme type: ?-Amylase

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PETROCHEM
DRILLING FLUIDS SOLUTIONS
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