MAGNESIUM OXIDE (KOC SPEC)

P1658.2002

WBM/OBM Drilling

Product Description

MAGNESIUM OXIDE – (MgO).

Product Function

MAGNESIUM OXIDE is utilized in water base drilling and completion fluids to maintain pH in the 9.5–10.0 range. MAGNESIUM OXIDE act as a pH buffering agent and therefore promotes drilling fluid temperature stability.

Features and Benefits

MAGNESIUM OXIDE is utilized in water base drilling and completion fluids to maintain pH in the 9.5–10.0 range. MAGNESIUM OXIDE act as a pH buffering agent and therefore promotes drilling fluid temperature stability.

Recommended Treatment

MAGNESIUM OXIDE is initially added at a concentration of 3.0–5.0 lbs/bbl (8.6–14.3 kgs/m³). An excess maybe added without increasing pH above 10.

International Shipping References

Transportation of MAGNESIUM OXIDE is not restricted by any regulatory agency.

Standard Packing

MAGNESIUM OXIDE is packaged in 25 kgs multiwall paper sack.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Both
- Sub Category: Commercial
- SG value: 3.5
- Purityss: 90 min
- Max Temperature: 350
- Category: Alkalinity Control
- Product Tier: Regular
- Appearance: White free flowing fine powder

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