

MAGNESIUM OXIDE - I

P1661.2002

WBM/OBM Drilling

Product Description

MAGNESIUM OXIDE – I (MgO) Industrial Grade.

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.

International Shipping References

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

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
- Max Temperature: 350
- Reservoir Compatible: Both
- Category: Alkalinity Control
- Sub Category: Commercial
- Product Tier: Regular
- SG value: 3.5
- Appearance: White free flowing fine powder
- Purityss: 85 min

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.

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.

Standard Packing

MAGNESIUM OXIDE is packaged in 25 kgs multiwall paper sack.

+971 2 610 7000

info@ppc.ae | www.ppc.ae

Abu Dhabi | UAE



DRILLING FLUIDS SOLUTIONS
A MAZRAI ENERGY SERVICES COMPANY

Petrochem Performance Chemicals Limited LLC believes in good faith that the information presented in this bulletin is accurate and reliable. No other representation or warranties are given or made in relation to the information or the products of whatsoever nature, and Petrochem Performance Chemicals Limited LLC assumes no responsibility for advice or recommendations made herein or any other information disseminated concerning this product. Petrochem Performance Chemicals Limited LLC will replace or issue credit for the purchase price of any product determined to be defective at delivery. Under no circumstances shall Petrochem Performance Chemicals Limited LLC or its responsible personnel be liable for any special or consequential damages whatsoever.