

**MICROMAX®**

P1509.1402

**WBM/OBM Drilling**

**Product Description**

TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) is utilized as a weighting agent in drilling fluids. It is also used as weighting agent in cement formulations.

**Features and Benefits**

TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) is chemically inert to all drilling fluid additives. Effectively used in alkaline pH of 7-12 in mud formulation. TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) is ground to such a particle size that 90% of the particles would be less than 5µm.

**International Shipping References**

Transportation of TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) 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: 400
- Reservoir Compatible: Both
- Category: Weighting Agents
- Sub Category:
- Product Tier: X-Premium
- SG value: 4.7
- Appearance: Reddish brown powder
- Specific Gravity: 4.8 min

**Product Function**

TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) is a cost effective means of increasing and/or maintaining drilling fluid density. TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) is used to weight up mud system up to 21.0 ppg (SG 2.52).

**Recommended Treatment**

Treatment levels are determined by specified requirements.

**Standard Packing**

TRIMANGANESE TETRAOXIDE (Mn<sub>2</sub>O<sub>7</sub>) is packaged in 25 kgs multiwall paper sack, 1 or 1.5 MT big bag.

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DRILLING FLUIDS SOLUTIONS  
A MAZRAI ENERGY SERVICES COMPANY

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