ZINC CARBONATE

P1613.9303

WBM Drilling

Product Description

ZINC CARBONATE is utilized in water–base drilling fluids to scavenge hydrogen sulphide (H?S).

Product Function

ZINC CARBONATE is utilized to remove sulfides resulting from an influx of hydrogen sulphide gas or to pre-treat the active drilling fluids when influxes are expected.

Features and Benefits

ZINC CARBONATE reacts with H2S to form an insoluble precipitate that has a low solubility in water.

Recommended Treatment

As a preventive measure, the drilling fluid should be pre–treated with ZINC CARBONATE the normal treatment is 1.0–3.0 lb/bbl (2.8 – 8.4 kg/m³) ZINC CARBONATE is only effective at pH range greater than 9.0. The pH should be maintained by additions of caustic soda and / or lime. NOTE: As a rule of thumb, 1.0 lbs/bbl (2.8 kgs/m³) of ZINC CARBONATE will normally scavenge 500 ppm hydrogen sulphide.

International Shipping References

Transportation of ZINC CARBONATE is not restricted any regulatory agency.

Standard Packing

ZINC CARBONATE 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:
- SG value: 3.5
- Purityss: 52 min
- Bulk Density Kg/m³: 570 - 600
- Max Temperature: 300
- Category: H?S Scavengers
- Product Tier: Regular
- Appearance: White free flowing powder
- pH (10% suspension): 8 - 9

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