ZINC OXIDE

P1639.0802

WBM Drilling

Product Description

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

Product Function

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

Features and Benefits

ZINC OXIDE reacts with H?S to form an insoluble precipitate of Zinc sulphide that is inert and insoluble in water. ZINC OXIDE is not pH dependent; it is effective at very alkaline pH such as 11.5 – 12.5.

Recommended Treatment

As a preventive measure, the drilling fluid should be pre–treated with ZINC OXIDE the normal treatment is 1.0–2.0 lb/bbl (3.0 – 6.0 kg/m³). Subsequent doses will depend on the sulfide detected. (1.0 ppb of Zinc oxide per 600 mg/l of sulfides). Use a garret Gas train with proper dragger tubes to detect the sulphide content.

International Shipping References

Transportation of ZINC OXIDE is not restricted any regulatory agency.

Standard Packing

ZINC 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:
- SG value: 4.4
- Bulk Density Kg/m³: 2500 - 2700
- Max Temperature: 400
- Category: H?S Scavengers
- Product Tier: Regular
- Appearance: White powder

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