POTASSIUM CHLORIDE

P1608.9305

WBM/OBM Drilling

Product Description

POTASSIUM CHLORIDE (KCl) – is also known as muriate of potash or more often simply as Potash.

Product Function

POTASSIUM CHLORIDE is used in drilling fluids to aid in the stabilization of shales and to control swelling clays

Features and Benefits

POTASSIUM CHLORIDE is an economic source of potassium ions which restrict the hydration or smectite clays. POTASSIUM CHLORIDE will inhibit swelling shales and prevent the formulation of sticky drilled cuttings.

Recommended Treatment

The amount of POTASSIUM CHLORIDE needed to inhibit a shale will depend on the shale sensitivity to water. A minimum effective concentration is 3% by weight (10.5 ppb).

International Shipping References

Transportation of POTASSIUM CHLORIDE is not restricted by any regulatory agency.

Standard Packing

POTASSIUM CHLORIDE is packaged in 25 kgs or 50 kgs polyethylene sack or multiwall paper sack with polyethylene liner. Also available upon request in 1 MT big bag.

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: 1.987
- Purityss: 95 min
- Sulphate: 0.1 max
- Max Temperature: 500
- Category: Commercial Salts
- Product Tier: Regular
- Appearance: White free flowing granules
- pH (1% solution): 7.5 - 8

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