

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.

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.

International Shipping References

Transportation of POTASSIUM CHLORIDE 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: 500
- Reservoir Compatible: Both
- Category: Commercial Salts
- Sub Category:
- Product Tier: Regular
- SG value: 1.987
- Appearance: White free flowing granules
- Purityss: 95 min
- pH (1% solution): 7.5 - 8
- Sulphate: 0.1 max

Product Function

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

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).

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.

+971 2 610 7000

info@ppc.ae | www.ppc.ae

Abu Dhabi | UAE



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