POTASSIUM HYDROXIDE

P1609.9306

WBM/OBM Drilling

Product Description

POTASSIUM HYDROXIDE (KOH) is caustic potash.

Product Function

POTASSIUM HYDROXIDE will provide an alkaline pH range and a low level of inhibition from the potassium. POTASSIUM HYDROXIDE reacts violently with water and gives off tremendous heat.

Features and Benefits

POTASSIUM HYDROXIDE is an alternate source of alkalinity to CAUSTIC SODA (NaOH). POTASSIUM HYDROXIDE is used in water base drilling fluids with particular application in potassium base fluids.

Recommended Treatment

Add POTASSIUM HYDROXIDE as needed to control the pH and Pf alkalinity. Addition should be made by dissolving POTASSIUM HYDROXIDE in water in a chemical barrel. Transfer the solution very slowly into the active mud system as required.

International Shipping References

Regulatory agencies classify POTASSIUM HYDROXIDE as a corrosive material (UN 1813) for transportation.

Standard Packing

POTASSIUM HYDROXIDE is packaged in 25 kgs net steel drum.

Safe Handling Recommendations

POTASSIUM HYDROXIDE is a very strong alkali and will cause severe burns, when handling or mixing the product, chemical safety goggles with plastic or rubber frames equipped with resistant glass or plastic lenses should be worn. Plastic face shields should be worn in addition to the goggles, hard hats, gloves, apron, respirator and safety shoes should also be worn. See Material Safety Data Sheet. (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Both
- Sub Category: Commercial
- SG value: 2.12
- pH (1% solution): 11.5 - 12.5
- Max Temperature: 300
- Category: Alkalinity Control
- Product Tier: Regular
- Appearance: White flakes or pellets

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