

ChemSol

DRILLING FLUID PRODUCTS

CAUSTIC POTASH (KOH)

PRODUCT DESCRIPTION

Caustic Potash (Potassium Hydroxide) is used in place of caustic soda to control the alkalinity of water base muds or where potassium ions are preferred as a shale inhibitor over the sodium ion. Potassium Hydroxide will make most common lignite products soluble and activate lignosulfonate thinners.

RECOMMENDED TREATMENT

Caustic Potash should be mixed through the chemical barrel to increase pH and alkalinity. Caustic Potash can be used in both drilling and completion fluids.

PRODUCT ADVANTAGES

- Strong alkalinity source.
- Activates lignosulfonate thinners such as THIN SOL CLS.

TYPICAL CHEMICAL SPECIFICATION AND PROPERTIES

Appearance:	White flakes
Total Alkalinity (as KOH) %:	90% min.
Hydroxide Alkalinity (as KOH) %:	90% min.
Flash Point:	Non-Flammable

PRODUCT HANDLING

Review all product specification and MSDS information prior to product application. Utilize chemical handling equipment and personal protection apparel (i.e. goggles & gloves) as specified in product MSDS when handling this material. Hazardous material: Corrosive. May cause severe burns.

STORAGE

Store Caustic Potash (KOH) in a well ventilated area and avoid contact with moisture.

PACKAGING

Caustic Potash (KOH) is available in 50lb multi-wall bags.