

## CAUSTIC POTASH

### ALKALINITY SOURCE

**CAUSTIC POTASH, also known as POTASSIUM HYDROXIDE (KOH),** is a basic industrial alkali used in a variety of industrial processes. Its advantage over Caustic Soda (NaOH) in the oil well drilling industry is that it also provides a source of  $K^+$  ions while at the same time giving pH control.

### FEATURES AND BENEFITS:

- Is a strong alkali and produces a strong basic solution.
- Used to increase pH and alkalinity of drilling, workover and completion fluids.
- Provides a source of  $K^+$  ion.

**RECOMMENDED TREATMENT:** as required for pH

### PHYSICAL PROPERTIES:

Appearance:	White Flakes; odourless
Specific Gravity:	2.044 @ 20°C
Solubility:	Soluble in water
pH:	12.0

### MIXING/HANDLING: **USE EXTREME CAUTION**

Mix ***slowly*** and ***carefully*** through a chemical or injection barrel. ALWAYS add CAUSTIC POTASH to water; watch for bubbling and splashing. CAUSTIC POTASH is a strong alkali and produces a strong base solution when mixed with water. The reaction generates heat. CAUSTIC POTASH will cause severe burns. Refer to the SDS for specific precautions and handling requirements.

**MICROTOX® THRESHOLD: TBD**

**PACKAGING: 25 kg bag / 42 bags/pallet**