



CAUSTIC POTASH 90 % KOH (FLAKE)

DESCRIPTION

Potassium Hydroxide (KOH) or caustic potash is a basic 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 providing pH control.

PROPERTIES

Physical		Chemical	
Appearance:	White flakes odourless	Type:	Alkali Hydroxide
Specific Gravity:	2.04 @ 20°C	Solubility:	Soluble (water)
pH:	12.0 (0.01 moles/litre)	pH:	12.0 (0.01 moles/liter)
Melting Point:	400°C	Microtox:	Not applicable
Flash Point:	Non-flammable		

APPLICATION

Potassium Hydroxide is a strong alkali used to increase pH and alkalinity of drilling, work over and completion fluids.

MIXING AND HANDLING

Potassium Hydroxide is a strong alkali and produces a strong basic solution. The reaction with water generates heat. ***Always add potassium hydroxide to water and watch for bubbling and splashing.*** Potassium Hydroxide will cause severe burns and skin/eye contact is to be avoided at all times. Wear full clothing, rubber gloves and goggles or face mask. The use of a rubber protective apron is also recommended. In the event of contact wash immediately with water for at least fifteen minutes. Seek medical attention, especially if burning persists or the contacted area is inflamed. It is advisable to use a dust mask and eye protection while mixing all powdered products.

WHMIS: Controlled (see MSDS)	TDG: Regulated (see MSDS)	PACKAGING: 50 lb sack
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