



Product Information

Caustic Potash

GENERAL DESCRIPTION

Caustic Potash or Potassium Hydroxide 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

Caustic Potash or Potassium Hydroxide is a strong alkali and produces a strong basic solution and is used to increase pH and alkalinity of drilling, work over and completion fluids.

RECOMMENDED TREATMENT

The reaction with water generates heat. Always add potassium hydroxide to the water and watch for bubbling and splashing. Caustic Potash or 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 facemask. 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.

TYPICAL PHYSICAL PROPERTIES

Appearance:	White flake
Odour:	Odourless
Specific Gravity:	2.044
Melt Point (°C):	400
Solubility in Water:	Completely
PH (0.01 Moles/L):	12.0

HANDLING

Caustic Potash or Potassium Hydroxide is classified as a D1B and E controlled product using the WHMIS classification.

Refer to MSDS information for specific precautions and handling.

AVAILABILITY

Caustic Potash is available in 25kg sacks from HiTech Fluid Systems Ltd.