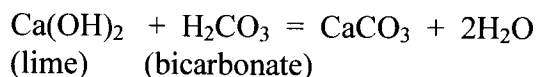

LIME - HYDRATED

DESCRIPTION Hydrated Lime or Calcium Hydroxide (Ca(OH)₂) is a soft greyish white powder with a specific gravity of 2.3 - 2.4. Hydrated Lime is a source of Ca and OH and is used to raise the pH.

APPLICATION The pH of a saturated solution is 12.4

In clear water drilling lime is added to the sump water to increase the pH and to provide calcium ions. Generally added at a concentration of 1 kg/m³, then used as needed to maintain a 10.0-11.0 pH in the water.

Hydrated Lime is used as a means of providing hydroxyl ions (raising pH) when bicarbonate/carbonate alkalinities exist.



HANDLING Premix in water in the chemical barrel and add *slowly* to the system. Excess lime treatment will cause thickening of a mud system.

Hydrated Lime gives off heat when mixed with water. Strong solutions have a high pH and may cause skin burns. Avoid contact with skin and eyes and wear protective clothing and goggles when handling and mixing. Store in a dry place.

WHMIS Controlled (See MSDS).

TDG Not regulated.

PACKAGING 25 kg sack.