ALKALINITY REGULATOR

DESCRIPTION

Lime is an alkalinity regulator and is calcium oxide or hydroxide.

Chemical formula Ca(OH)2

BASIC PHYSICAL PROPERTIES

Appearance	Light gray powder
Specific Gravity	2.2
Bulk density, kg/m3	250 – 350
Humidity, %	6–10
pH (1% solution)	12.4

APPLICATION

Used to regulate the pH value. Calcium source for calcium treated drilling fluids. Used to remove carbonates from water-based drilling fluids. Added to system to increase pH to control pipe corrosion. In petroleum-based solutions, lime is one of the main components and is used to increase the activity of the primary emulsifier by forming calcium soaps of fatty acids.

STORAGE

The reagent should be stored in closed, dry rooms.

PACKAGE

Lime is supplied in 25 kg multi-layer bags.

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