

Discovering what's possible with calcium

PRODUCT DESCRIPTION

Liquid Calcium Hydroxide (LCH) is a ≈37% solids homogenous calcium hydroxide solution that is used in water treatment, waste water treatment, acid neutralization and as a substitute in many "liquid caustic" applications. Dust free, LCH can be the solution to many alkali handling problems.

TYPICAL CHEMICAL PROPERTIES*	
Ca(OH) ₂ - Total	98.6%
Ca(OH) ₂ - Available	96.9%
CO ₂	0.5%
Crystalline Silica	<0.1%
SiO ₂	0.6%
Al ₂ O ₃	0.1%
Fe ₂ O ₃	0.09%
MgO	0.4%
P ₂ O ₅	100 ppm
MnO	25 ppm

TYPICAL PHYSICAL PROPERTIES	
% Solids	36.5%
Lbs./gal	10.5
Median Particle Size*	2 microns
pH	12.4
-100 Mesh (150 μm)*	99.9%
-200 Mesh (75 μm)*	99%
-325 Mesh (45 μm)*	96%
Viscosity	1,700 cps

✓ Meets the AWWA standard B202-19



* Based on Dry Hydrated Lime – Ca(OH)₂

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