

Liquid Calcium Hydroxide

Discovering what's possible with calcium

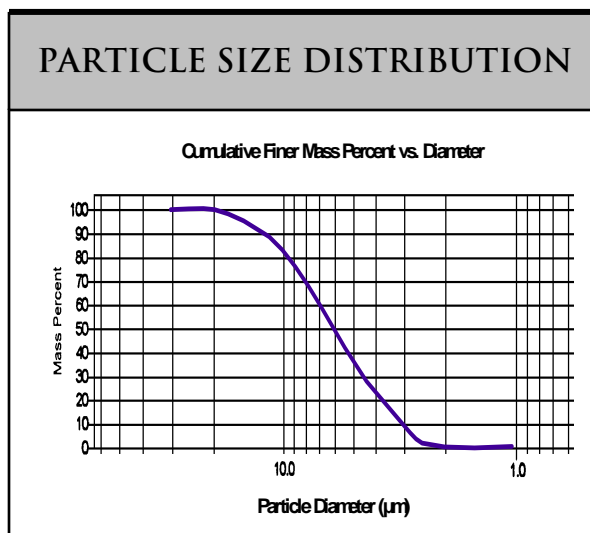
TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Liquid Calcium Hydroxide (LCH) is a 38% 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	98.2%
Ca(OH) ₂ - Available	96.8%
CaCO ₃	0.5%
CaSO ₄	0.05%
Sulfur - Equivalent	120 ppm
Crystalline Silica	<0.1%
SiO ₂	0.5%
Al ₂ O ₃	0.15%
Fe ₂ O ₃	0.06%
MgO	0.3%
P ₂ O ₅	80 ppm
MnO	25 ppm

TYPICAL PHYSICAL PROPERTIES	
% Solids	37.5%
Lbs./gal	10.6
Median Particle Size - Sedigraph	6 microns
pH	12.4
BET Surface Area	24 m ² /g
-100 Mesh (150 μm)	99.5%
-200 Mesh (75 μm)	98.5%
-325 Mesh (45 μm)	98.0%
Viscosity	2,000 cps



- ✓ Meets the AWWA standard B202-02
- ✓ Certified to NSF standard 60



Telephone: 800.437.5463
Contact: sales@mississippilime.com
Web site: www.mississippilime.com