



Liquid Calcium Hydroxide

Calcium Hydroxide Slurry

TECHNICAL DATA SHEET

Product Description

Liquid Calcium Hydroxide (LCH) is a $\approx 36\%$ 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	97%
Calcium (Ca)	53.3%
CO ₂	0.5%
Magnesium (MgO)	0.5%
Silicon (SiO ₂)	0.6%
Crystalline Silica	<0.1%
Aluminum (Al ₂ O ₃)	0.1%
Iron (Fe ₂ O ₃)	0.08%

Typical Physical Properties	
Percent Solids	35.6
Pounds/Gallon	10.5
Median Particle Size*	2 μm
pH	12.4
-100 Mesh (149 μm)*	99.8%
-200 Mesh (74 μm)*	99%
-325 Mesh (45 μm)*	96%
Viscosity	1500 cps

Available Certifications

- ✓ AWWA Standard B202-19



Certified to
NSF/ANSI/CAN 60

*Values on dry calcium hydroxide basis.

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