

## **LCH 40**

## **Liquid Calcium Hydroxide (Hydrated Lime Slurry)**

## **TYPICAL PROPERTIES:**

| CaCO3       0.5         CaSO4       0.05         Sulfur-Equivalent       0.01         Crystalline Silica       <.01         SiO2       0.48 $Al_2O_3$ 0.15 $Fe_2O_3$ 0.06         MgO       0.32 $P_2O_5$ 0.00 | Ca(OH) <sub>2</sub> Available                      | 96.75                         |
|--|--|-------------------------------|
| CaSO4       0.05         Sulfur-Equivalent       0.01         Crystalline Silica       <.01  | Ca (OH) <sub>2</sub> Total                         | 98.25                         |
| $Fe_2O_3$ 0.06 MgO 0.32 $P_2O_5$ 0.00  | CaSO4 Sulfur-Equivalent Crystalline Silica $SiO_2$ | 0.05<br>0.012<br><.01<br>0.48 |
| MnO 0.00   | Fe <sub>2</sub> O <sub>3</sub><br>MgO              | 0.15<br>0.06<br>0.32<br>0.008 |
|  | MnO  | 0.0025                        |

## **TYPICAL PHYSICAL ANALYSIS:**

| % Solids                     | 40.0                      |
|------------------------------|---------------------------|
| Lbs/Gal.                     | 10.8                      |
| Mean Particle Size-Sedigraph | 1.5 Micron                |
| рН                           | 12.4                      |
| BET Surface Area             | $24 \text{ m}^2/\text{g}$ |
| -100 Mesh                    | 99.5%                     |
| -200 Mesh                    | 98.5%                     |
| -325 Mesh                    | 92.0%                     |
| Viscosity                    | 2000 cps                  |

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