



# KENCRO

## CHEMICALS

### SPECIFICATIONS: HYDRATED LIME FCC (HIGH CALCIUM HYDRATED LIME)

#### Description

A fine white powder made by reacting quicklime with sufficient water to convert the calcium oxide to the hydroxide,  $\text{Ca(OH)}_2$ .

Physical Properties	Average
Bulk Density	22 lbs/cu.ft.
Specific Gravity	2.25
Solubility in Water	1.7 g/litre @ 20°C
Basicity Factor	0.72

Chemical Properties	Average %	Min. %	Max. %
Free Calcium Oxide (CaO)	0.16	-	1.00
Magnesium Oxide (MgO)	1.01	-	1.20
Silica	0.50	-	0.98
Ferric Oxide ( $\text{Fe}_2\text{O}_3$ )	0.15	-	0.29
Alumina ( $\text{Al}_2\text{O}_3$ )	0.08	-	0.26
Calcium Hydroxide ( $\text{Ca(OH)}_2$ )	94.8	90.0	-
Carbon Dioxide CO	0.60	-	1.50
Free Moisture ( $\text{H}_2\text{O}$ )	0.64	-	2.00

Typical Properties	Average %	Minimum %
Physical Size (at point of loading)		
Passing 20 Mesh	99.99	99.30
Passing 35 Mesh	99.99	99.30
Passing 100 Mesh	99.91	98.00

#### Packaging

20 Kg paper bags

#### Safety

As with any chemical, Hydrated Lime requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the appropriate material and safety data sheet.

**FOR FIRE, HEALTH, SAFETY AND FIRST AID INFORMATION, PLEASE REFER TO MSDS**

*All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility.*

SPEC#: YSL1A1