

## General Information

Chemical Formula	Ca(OH) <sub>2</sub>
Synonym	Slaked Lime; Hydrated Lime; Calcium(II) Hydroxide; Calcium Oxide, Hydrated
Origin	Vietnam, Malaysia, China
H.S. Code	28259040
CAS No.	1305-62-0
Molecular Weight	74.092 g mol <sup>-1</sup>

## Application

Paper Industry	It is used to recover sodium hydroxide for reuse in the Kraft process of paper manufacturing and to produce calcium hypochlorite that is used to bleach paper
Waste Water Treatment Industry	It is used as a flocculant to treat sewage water, and to increase the pH of water which prevent corrosion of water pipes due to acidic water.
Other Applications	It is used to treat animal hides and stabilise roads and to remove acidic gases by injecting it into the flue gas. It is also used in the steel industry as a flux, in gold mining and in fertilizer industry.

## Specification

Property	Units	Grade		
		Common	Industrial	Premium
Appearance		White Powder		
Calcium Hydroxide	%	90	92	95
Fe	%	0.1	0.1	0.05
MgO	%	1.0	1.0	1.0
Al <sub>2</sub> O <sub>3</sub>	%	-	-	0.5
Whiteness		85	88	90
125um Test Screen	%	0.1	0.05	0.001
45um Test Screen	%	0.5	0.3	0.1

## Packaging

- 25 kg PP or Woven bag