

PROCESSED LIME

CATIONIC POLYACRYLAMIDE FLOCCULANT

Processed Lime is Calcium Oxide (CaO) sometimes referred to as quicklime or hotlime. The presence of calcium in cement is a well-known cement accelerator. The combination of the calcium present in **Processed Lime** and its reactivity characteristics when mixed with water produces a very effective cement accelerator.

PHYSICAL PROPERTIES:

Appearance: White powder
Bulk Density: 880-1041 kg/m³
Particle Size: Less than 20 mesh (850 microns)

CHEMICAL PROPERTIES:

Type: Calcium oxide
Solubility: Soluble in water
pH: 12.45 (saturated solution)

Chemical	Percentage
Calcium Oxide	95%
Acid Insolubles	1.99%
Magnesium Oxide	1.97%
Loss on Ignition	0.50%

MIXING & HANDLING

Storage Precaution: Calcium oxide on its own will not burn. However, bulk powder may heat spontaneously when it comes into contact with water. Humidity or contact with water may generate sufficient heat to ignite flammable and combustible materials. In addition, the reaction of calcium oxide with a number of commonly encountered materials can generate sufficient heat to ignite nearby combustible materials. Store in a dry place.

Handling Precaution: Lime gives off heat when mixed with water. Due to its reactivity with water, all precautions should be taken to avoid skin or eye contact. It will cause severe burns to the eyes and skin. Wear goggles and protective clothing when handling this product.

WHMIS: Controlled (see MSDS)

TDG: Not regulated

Packaging: 25 kg bag / bulk

