

Product Description

MMS Hydrated Lime (slaked lime), is a high quality calcium hydroxide product manufactured to a fine grain size which maximises the availability of (Ca(OH)₂) for chemical processes.

What is Hydrated Lime?

Calcium Hydroxide (Ca(OH)₂), also known as Hydrated Lime, is a fine, odourless white powder commercially produced by reacting Quicklime with sufficient water.

Applications

Hydrated Lime is used in many applications, including food preparation, water treatment, soil stabilisation. Hydrated Lime can be added to water to produce Milk of Lime.

Water Treatment:

Hydrated Lime is vital to municipalities, it is used for potable water softening pH, removal of heavy metals and impurities from drinking water.

Cattle Industry:

Hydrated lime is used as a binder in cattle-feed products & as a Calcium supplement for animal feed products, and is a highly cost effective method for treating sewage sludge and animal waste from concentrated animal feeding operations.

Civil Industry:

Hydrated Lime is used as soil stabiliser, reacting with pozzolans (materials containing reactive silica & alumina) present in the pavement material or subgrade and the hydrates complexes formed with chemical reaction dramatically reduce soil plasticity; increases its workability and improves its compaction characteristics.

Packaging options:

- 500 kgs Bulker Bags
- 1000 kgs Bulker Bags
- 1200 kgs Bulker Bags

Safety Information

Personnel should wear protective clothing, dust-proof goggles, preferably faceshield, PVC or rubber gloves and impervious boots. While using large quantities, wear coveralls. Care should be taken to protect the product from moisture as it swells when moist and may burst containers. For full information, refer to the Safety Data Sheet for Hydrated Lime.

PROPERTIES	METHOD	TYPICAL
Ca(OH) ₂ Available	AS4489-1997	93%
PROPERTIES	CAS NUMBER	TYPICAL
SILICON DIOXIDE	7631-86-9	0.5%
ALUMINIUM OXIDE	1344-28-1	0.45%
IRON OXIDE (FE2O3)	1309-37-1	0.1%
MAGNESIUM OXIDE	1309-48-4	0.3%

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PHYSICAL PROPERTIES	
Bulk Density	450 - 1200kg/m ³
Moisture Content	1% Max
Passing on sieve (ASTM C 110)	90%min on 200µm

Disclaimer

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