



Hydrated Lime



PRODUCT DESCRIPTION

Calcium hydroxide is one of the most versatile industrial alkalis. In drilling fluids it buffers pH and protects against cement contamination downhole; in construction it chemically stabilizes clay subgrades into a workable, load-bearing base; in water treatment it raises pH and drives coagulation and softening.

TYPICAL SPECIFICATIONS

PROPERTY	VALUE	BASIS
Chemical formula	Ca(OH)_2	Per standard
Available lime as Ca(OH)_2	90% minimum typical	Typical
Appearance	Dry white powder	Typical
Fineness, passing 200 mesh	85% minimum typical	Typical
Free moisture	2.0% maximum typical	Typical
Bulk density	25 – 35 lb/ft ³ typical	Typical

PRINCIPAL INDUSTRIAL APPLICATIONS

- Drilling Fluids**
Maintains alkalinity and buffers pH in water-based muds, and treats out cement contamination when drilling out shoe tracks and plugs.
- Soil Stabilization**
Reacts with clay soils to reduce plasticity and swell potential, producing a stable working platform for pads, roads, and building foundations.
- Water & Wastewater Treatment**
Raises pH, softens hard water by precipitating calcium and magnesium, and aids coagulation and sludge conditioning.

PACKAGING & AVAILABILITY

- Pneumatic bulk tanker
- 50 lb bags

HANDLING & STORAGE

Hydrated lime is caustic and hygroscopic. Store sealed and dry. Skin, eye, and respiratory protection required — contact with moisture on skin causes chemical burns.

A Safety Data Sheet (SDS) is available for this product on request and should be reviewed before handling.

ORDERING & TECHNICAL SUPPORT

USA

(210) 394-7133
idavila@mixminerals.com

MEXICO

(878) 119-0960
jmartinez@mixminerals.com

MIX MINERALS

Eagle Pass, Texas 78852
www.mixminerals.com

IMPORTANT NOTICE

The information in this data sheet is provided in good faith and is believed accurate at the date of issue. Values marked "Typical" represent commercial norms and are not a specification; the certificate of analysis for your specific shipment governs. Values marked "Per standard" are requirements of the cited standard. Mix Minerals makes no warranty, express or implied, regarding suitability for any particular application. The user is responsible for determining suitability and for safe handling in accordance with the applicable Safety Data Sheet.