

QUICKLIME-CHEMICAL GRADE (Adams, MA)

High calcium granular industrial quicklime

High Calcium Granular Industrial Quicklime is manufactured by Specialty Minerals from a deposit or high quality calcium carbonate at our facility in Adams, MA. This material is produced in a fluo-solid type kiln which yields a granular quicklime of high reactivity that is dust free and free-flowing.

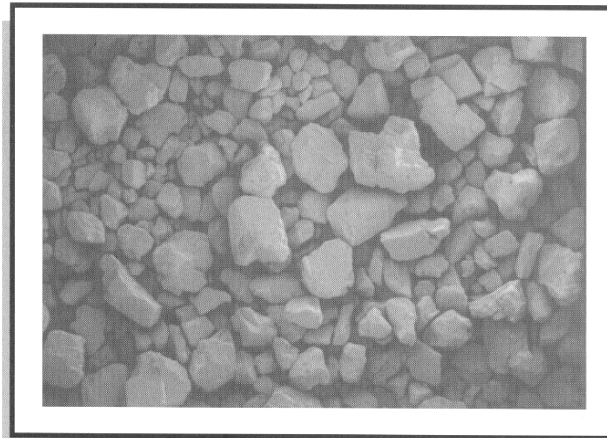
Chemical Grade Quicklime is used in many industrial applications. It can be easily slaked with water to produce calcium hydroxide in the form of a milk-of-lime slurry. Industrial applications include: acid neutralization, causticizing, calcium hypochlorite bleaching, calcium silicate manufacture as well as flue gas desulfurization, waste and sewage treatment and water purification.

Typical Properties

Sieve Size (retained on 10 mesh)	Trace
(retained on 100 mesh)	98%
Bulk Density (pounds/ft ³)	70
(grams/cc)	1.12
Available Lime Index (ASTM C25)	95%
Water Reactivity (ASTM C110)	34°C
(30 second temp rise)	

Chemical Composition (typical)

Total Calcium Oxide	CaO	96%
Magnesium Carbonate	MgO	0.8%
Iron as	Fe ₂ O ₃	0.10%
Loss On Ignition	L.O.I.	0.10%



CAUTION: Quicklime is a strongly alkaline material. Contact with skin and eyes will cause irritation and possible corrosion damage. Inhalation of dust may cause coughing, sneezing, and inflammation of the respiratory passages.

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