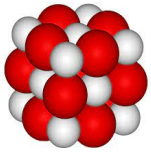
AQUABOND
Chemistry for Tomorrow

Summary Technical Data Sheet

Hydrated Lime

Product Name: Hydrated Lime

Synonyms: Calcium Hydroxide, Calcium Hydrated Lime, Slaked Lime, Milk of Lime, Lime Slurry, and Lime Putty



CAS Number: 1305-62-0

Formula: $Ca(OH)_2$

Molecular weight: 74.09 g/mol

Appearance: white powder

Specific Gravity: 2.24

pH(saturated solution) 25°C: 12.454

Solubility in Water (0°C),g/l: 1.85

Density: 2.2 g/cm^3

Typical Product Specifications

Total $Ca(OH)_2$	95.0 – 100.5 %
325 Mesh	≥ 96.5 %
Acid insolubles	≤ 0.5 %
Arsenic	≤ 3 ppm
Fluoride	≤ 50 ppm
Lead	≤ 2 ppm
Magnesium & Alkali Salts	≤ 4.8 ppm
Moisture	≤ 1%

Hydrated Lime (Calcium Hydroxide) is a white powder that forms alkaline aqueous solutions. Hydrated Lime is used in water treatment, asphalt, mortar and plaster, and pulp and paper industry. It is used as a flocculent in water and wastewater treatment. In the paper industry, Hydrated Lime is an intermediate in the causticizing step of making pulp.

In construction, Hydrated Lime is an additive in asphalt, which improves cohesion and retards the aging process. It is a component of many building products, including mortar and plaster.

Storage and Handling: Keep containers tightly closed in a cool, dark, ventilated place.

Packaging: 50 lb / 22.68 kg

Transport Regulations: Not regulated as dangerous goods (for reference only).

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.
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