

XEOLITH® Lithium Hydroxide Monohydrate

Technical Grade

Product Description: XEOLITH® Lithium Hydroxide Monohydrate is a white fine powder. Alkaline and readily soluble in water. Produced from lithium carbonate or lithium sulfate.

Applications: XEOLITH® Lithium Hydroxide Monohydrate is used as an effective accelerator in alumina cement systems and can be used to mitigate alkali-silica reaction in concrete. It is used in paints, ceramics, producing grease thickeners and coolants for corrosion control.

Chemical Formula: LiOH.H₂O

CAS No. : 1310-66-3

Specifications:

Parameters (units)	Typical specifications
Lithium hydroxide (%)	≥ 56.5
Carbonate (%)	≤ 0.6
Sodium (%)	≤ 0.03
Potassium (%)	≤ 0.01
Calcium (%)	≤ 0.03
Iron (%)	≤ 0.002
Chloride (%)	≤ 0.02
Sulfate (%)	≤ 0.04
Insoluble in HCl (%)	≤ 0.01
Insoluble in H ₂ O (%)	≤ 0.02
Particle size (% passed through 20 mesh sieve)	≥ 95

Packaging: Material is available in 25 kg sacks on pallets and 500 kg bulk bags.

Storage: Product should be stored in a cool and dry place in sealed, original containers. For further safety information refer to product SDS available from your Bisley and Company contact.

Disclaimer:

This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.