

LiOH.H₂O**LITHIUM HYDROXIDE, Monohydrate****Battery Grade****PRODUCT**Chemical Formula LiOH.H₂O

CAS No. 1310-66-3

PRODUCT DESCRIPTION

Lithium Hydroxide Monohydrate, Battery Grade is a white, fine powder. Alkaline and readily soluble in water.

APPLICATIONS

Lithium Hydroxide Monohydrate Battery Grade is a high purity variant that is suitable for cathode materials in the production of lithium ion batteries.

PRODUCT SPECIFICATIONS

Parameters	Specifications
Appearance	White Powder
LiOH, wt. %	57.0 Min
K, wt. %	0.003 Max
Na, wt. %	0.005 Max
Mg, wt. %	0.001 Max
Fe, wt. %	0.0007 Max
Cu, wt. %	0.0001 Max
Mn, wt. %	0.001 Max
Si, wt. %	0.005 Max
Cl, wt. %	0.002 Max
B, wt. %	0.005 Max
SO ₄ ²⁻ wt. %	0.01 Max
CO ₃ ²⁻ wt. %	0.5 Max
Insolubles in HCL	0.005 Max

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

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PACKAGING

- 100 Kg of product in a polyethylene-lined fiber drum. Four (4) fiber drums per pallet. 400 Kg per pallet
- 20 Kg of product in a polyethylene bag. Forty-four (50) bags per pallet. 1000 Kg per pallet.
- 25 Kg of product in a polyethylene bag. Forty (40) bags per pallet. 1000 Kg per pallet.
- 50 lbs of product in a polyethylene bag. Forty-four (40) bags per pallet. 2000 lbs per pallet.
- 450 Kg of product in a supersack, stacked two (2) high, 900 Kg per pallet.
- 1000 Kg of product in a supersack, single stacked. 1000 Kg per pallet.

SHIPPING LIMITATIONS

Shipments of lithium hydroxide are described as "Lithium Hydroxide, UN 2680." All shipments are Hazard Class 8 and require "Corrosive" labels.

TOXICITY/SAFETY DATA HANDLING / STORAGE / DISPOSAL

Information on toxicity, safety, handling, storage and disposal is contained in the Safety Data Sheet (SDS) for this product.

SHELF LIFE AND STORAGE

Product should be stored in a dry place away from direct sunlight and humidity in sealed, original packaging.

LIMITED WARRANTY INFORMATION.

PLEASE READ CAREFULLY.

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For more information or answers to questions about the use in specific applications, contact your Technical Sales Representative or call Toll Free 1.833.LITHUSA (1-833-548-4872).

Visit our website at www.lithiumsalts.com