

LiOH.H₂O**LITHIUM HYDROXIDE, Anhydrous****PRODUCT**Chemical Formula LiOH.H₂O

CAS No. 1310-65-2

DESCRIPTION

Lithium Hydroxide, Anhydrous, is a fine white free flowing crystalline powder.

APPLICATIONS

Used as an Intermediate generator in organic synthesis catalyst in alkyd resin manufacture and esterification reactions, stabilizer in some photographic developers, production of lithium stearate and heat sink transfer medium for storage battery electrolyte. It is also used for absorption of carbon dioxide from sealed environments, as in submarines, space-craft, and self-contained breathing apparatus.

PRODUCT SPECIFICATIONS

Parameters (units)	Typical Specifications
Appearance	White Powder
LiOH, wt. % (min.)	98.0
Li ₂ CO ₃ (wt %)	<0.5
Salts of Sulphates & Chlorides (wt. %)	<1.0
Loss on Drying (wt. %)	<10.0
Bulk Density (kg/m ³)	580 - 630
pH	12.0 - 13.0

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

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SHIPPING LIMITATIONS

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

Post Not acceptable Parcel, Air Restricted quantities

PACKAGING

25/50kg. poly lined HDPE Bags/Drums

TOXICITY / SAFETY DATA HANDLING / STORAGE / DISPOSAL

Corrosive. Odorless, white powder/crystals. Corrosive to eyes (may cause blindness), skin, nose and throat.

Ensure to use PPG during transport/handling and usage. Information on toxicity, safety, handling, storage and disposal is contained in the Safety Data Sheet (SDS) for this product.

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