

LiOH.H₂O

Lithium Hydroxide, Anhydrous

PRODUCT

Chemical Formula LiOH.H₂O

CAS No. 1310-65-2

DESCRIPTION

Lithium Hydroxide Anhydrous, finds uses as Intermediates generator in organic synthesis catalyst in alkyd resin manufacture and esterification reactions, stabilizer in some photographic developers, and heat sink material. 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

p: (352) 358-5826
e: info@lithiumsalts.com

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.**

Lithium Salts of America (a Division of ASG Chemical Holdings, LLC. ASG CHEMIE) believes the information in this document to be accurate as at the date of preparation noted below, but, to the maximum extent permitted by law, Lithium Salts of America accepts no responsibility for any loss or damage caused by any person acting or refraining from action because of this information. The provision of this information should not be construed by anyone as a recommendation to use this product. No one should use any product in violation of any patent or other intellectual proprietary rights or in breach of any statute or regulation. Users should rely on their own knowledge and inquiries and make their own determination as to the applicability of this information in relation to their particular purposes and specific circumstances. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

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