

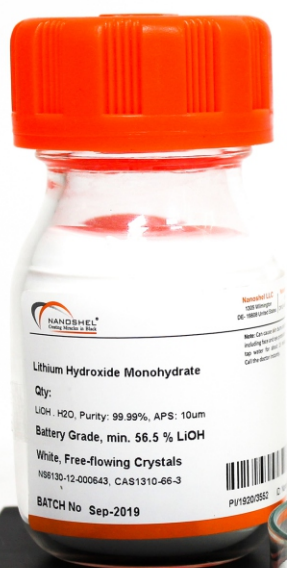
Lithium Hydroxide Monohydrate

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Stock No.
NS6130-12-000643

Lithium hydroxide monohydrate (LiOH.H₂O) is a lithium source that can be prepared from lithium carbonate by membrane electrolysis. Lithium hydroxide is used for the production of lithium greases, lithium soaps, lithium stearate and lithium salts. It finds application as a carbon dioxide adsorbent in breathing gas purification systems for spacecrafts, submarines and rebreathers; as a storage-battery electrolyte; as a heat transfer medium and as a catalyst for polymerization reaction. It is also used in ceramics and some portland cement formulations.

APS
10 µm



Purity
99.9%



TECHNICAL Specifications

✓ CAS	:	1310-66-3
✓ Color	:	White
✓ Form	:	Powder
✓ Melting Point	:	462°C
✓ Density	:	1.51g/cm ³
✓ Molecular Weight	:	41.96g/mol

APPLICATION

- ✓ Used in the development of lithium oxygen batteries
- ✓ Used in the preparation of porous cathode films for the fabrication of lithium batteries.
- ✓ Electrolyte component in alkaline storage batteries
- ✓ Starting material for other lithium compounds
- ✓ Chemical agent, for example for esterifications

PACKING SIZES :25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



202ICE4589C



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20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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