



Product Specification

cdhfinechemical.com

LITHIUM HYDROXIDE MONOHYDRATE

PRODUCT CODE	029073	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(1310-66-3)	
ATOMIC OR MOLECULAR FORMULA	LiOH.H ₂ O	LiOH.H ₂ O
ATOMIC OR MOLECULAR WEIGHT	41.96	
PROPERTIES	--	

PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	10% solution in mixture of dilute HCl and water gives clear and colourless solution.
Minimum Assay (Acidimetric)	98.0%

MAXIMUM LIMIT OF IMPURITIES	
Carbonate (CO ₃)	2.0%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.05%
Sodium (Na)	0.02%

Note(s) : 1] Assay (if applicable) method mentioned.

<p>WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.</p> <p>PRECAUTIONARY STATEMENTS Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position. comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use</p>	<p>IMDG Code : -- 8/II UN No. : -- 2680 IATA :-- 8</p>
---	--

Disposal : The chemical should be mixed with combustile solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



GHS05



GHS07

Replace Date 02/07/2020