


LITHIUM HYDROXIDE MONOHYDRATE

PRODUCT CODE	R05788	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(1310-66-3)	
ATOMIC OR MOLECULAR FORMULA	LiOH.H ₂ O	LiOH.H₂O
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.		
WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. 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		IMDG Code : -- 8/II UN No. : -- 2680 IATA :-- 8
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber		
Hazard Pictogram(s) :		
 <p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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