

LITHIUM HYDROXIDE MONOHYDRATE AR/ACS

PRODUCT CODE	565625	
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)	99.0%

MAXIMUM LIMIT OF IMPURITIES

Acid insoluble matter	0.005%
Carbonate (CO ₃)	1.0%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.05%
Calcium (Ca)	0.02%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.0005%

Note(s): 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>
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Disposal : The chemical should be mixed with combustibile solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



GHS05



GHS07

Replace Date 02/07/2020