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Product Name: Lithium Hydroxide Monohydrate

Product Code:	4491	
Specification Ref:	4491DS13	
CAS:	1310-66-3	
EC:	215-183-4	
Formula:	LiOH.H₂O	
Physical:	White crystals	

Chemical:		Typical (wt%)	Guaranteed (wt%)
	Lithium Hydroxide (LiOH)	57.3	56.5 min
	Carbon Dioxide (CO ₂)	0.18	0.35 max
	Chloride (Cl)	0.01	0.02 max
	Sulphate (SO ₄)	0.001	0.05 max
	Calcium Oxide (CaO)	0.008	0.03 max
	Iron III oxide (Fe ₂ O ₃)	0.0002	0.003 max
	Sodium Hydroxide (NaOH)	0.005	0.05 max
	Insolubles	0.004	0.01 max
	Typical bulk density g/cm ³	0.9	
	Molecular Weight		41.96
	Water Solubility @20°C wt % (as LiOH)		10.9
Packaging:	Standard packs available: 25kg sacks on pallets. Other packs available on request.		
Hazards:	Lithium Hydroxide is corrosive in solid and solution. It causes burns in contact with eyes, skin or ingestion. Irritates the respiratory system, may cause coughing. On contact with eyes, flush with copious amounts of water and consult a doctor immediately. Please request the MSDS for this product.		
	It is recommended that lithium hydroxide is stored in a bunded area so that spillages		

are contained. Store away from acids, aluminium, zinc etc. Handling and Storage: Avoid generating lithium hydroxide dust or vapour. If this is unavoidable, use local exhaust ventilation.

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