

**Product Name: Lithium Hydroxide Monohydrate ACS**

**Product Code:** 4492  
**Specification Ref:** 4492DS01  
**CAS:** 1310-66-3  
**EC:** 215-183-4  
**Formula:** LiOH.H<sub>2</sub>O  
**Physical:** White crystals

<b>Chemical:</b>	<b>Guaranteed (wt%)</b>
Assay Lithium Hydroxide Monohydrate (LiOH. H <sub>2</sub> O)	98% min
Lithium carbonate (Li <sub>2</sub> CO <sub>3</sub> )	2.0% max
Chloride (Cl)	0.01% max
Sulphate (SO <sub>4</sub> )	0.05% max
Iron (Fe)	0.002% max
Heavy Metals (as Pb)	0.002% max
Insolubles	0.01% max
Typical bulk density g/cm <sup>3</sup>	0.9
Molecular Weight	41.96
Water Solubility @20°C wt % (as LiOH)	10.9 Typical

**Packaging:** Standard packs available: 25kg sacks on pallets / 25kg polylined fibre drums. 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.

**Handling and Storage:** It is recommended that lithium hydroxide is stored in a bunded area so that spillages are contained. Store away from acids, aluminium, zinc etc. Avoid generating lithium hydroxide dust or vapour. If this is unavoidable, use local exhaust ventilation.