

Product Name: Lithium Hydroxide Monohydrate Battery Grade

Product Code: 4493

Specification Ref: 4493DS01

CAS: 1310-66-3

EC: 215-183-4

Formula: LiOH.H₂O

Physical: White crystals

Chemical:

Lithium Hydroxide (LiOH)

Carbon Dioxide (CO₂)

Chloride (Cl)

Sulphate (SO₄)

Calcium (Ca)

Iron (Fe)

Sodium (Na)

Aluminium (Al)

Chromium (Cr)

Copper (Cu)

Potassium (K)

Nickel (Ni)

Silicon (Si)

Zinc

Lead (Pb)

Acid Insolubles

Guaranteed (wt%)

56.5 min

0.35 max

0.005 max

0.005 max

0.001 max

0.0005 max

0.005 max

0.0005 max

0.0005 max

0.0005 max

0.001 max

0.0005 max

0.003 max

0.0005 max

0.0005 max

0.01 max

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.

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.