

MATERIAL SAFETY DATA SHEET

Chemical Name & Synonyms		
Lithium Hydroxide, Monohydrate, Reagent		
Formula	F.W.	CAS#
LiOH·H ₂ O	41.96	1310-65-2
Physical Data		
Density 2.54; Mp 4.50°C; Solubility in water 22 g/100 ml at 10°C.		
Appearance & Odor		
White crystals. Acid odor.		
DOT Class	Reactivity	
CM	Strong alkali. Stable.	
Conditions to Avoid		
Contact with strong acid liberates heat.		
Health Hazards		
Caustic and irritating to tissue.		
Fire Hazards		
Not flammable or combustible.		
Spills & Leaks		
Sweep up and flush area with water. Small quantities disposal to drain.		
Special Precautions		
When handling, wear goggles, dust mask and rubber gloves. Local ventilation recommended.		
First Aid		
External - wash well with water. For eyes use boric acid eyewash and get medical attention. Internal - do not induce vomiting. Give water with diluted vinegar, lemon or orange juice. Follow with milk, get medical attention.		

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