

# LITHIUM HEXAMETHYL DISILAZIDE

(25% w/w / 1.0M in THF)

**M.F:** C<sub>6</sub>H<sub>18</sub>NSi<sub>2</sub>Li

**Mol. Wt:** 167.33 gm/mol

**CAS Reg. No.** 4039-32-1

## SPECIFICATIONS

### **Description**

: Light yellow to yellowish red color slight turbid solution

### **Miscibility**

: Miscible with most organic solvents like THF & Toluene

### **Assay % w/w**

(by acidimetric titration)

: 25% ± 2.0% w/w (For 25% solution)  
1.0M ± 0.1M (For 1.0M solution)

## PACKING

175/180 kgs net material packed in 200 Ltrs capacity M.S/HDPE Drum under nitrogen blanket.

## APPLICATIONS

LHS is a non-Pyrophoric base widely used in Organic Synthesis as a metalation agent. Also used in de-Protonation reactions.



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