

LITHIUM HEXAMETHYL DISILAZIDE

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

M.F: $C_6H_{18}NSi_2Li$

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)

: $25\% \pm 2.0\%$ w/w (For 25% solution)

$1.0M \pm 0.1M$ (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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