

LITHIUM-BIS(TRIMETHYLSILYL)AMIDE

LiHMDSi

 Product description

Name: LITHIUM-BIS(TRIMETHYLSILYL)AMIDE

CAS-Number: 4039-32-1

Application: MO-CVD

Element: Li

LITHIUM-BIS(TRIMETHYLSILYL)AMIDE

LiHMDSi

Physical Properties

Vapor pressure equat.:	n.a.
Density:	0.86 g/cm ³
Molweight:	167.33 g/mol
Melting point:	71 °C / 160 °F
Boiling point:	80 °C / 176 °F (0.0013 mbar)
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

Safety & Transport

Toxicity:	Flammable, Corrosive
Thermal decomposition:	
ADR/RID-class:	4.1(8)
UN-no:	2925, PG II
IMDG-class:	4.1(8)
UN-no:	2925, PG II
ICAO/IATA-class:	4.1(8)
UN-no:	2925, PG II – AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

LiHMDSi.100.DOCK/10.150	75g / 150ccm cyl.
LiHMDSi.400.DOCK/10.400	200g / 400ccm cyl.
LiHMDSi.600.DOCK/10.600	300g / 600ccm cyl.
LiHMDSi.1000.DOCK/10.1000	500g / 1000ccm cyl.
LiHMDSi.3000.DOCK/10.3000	1500g / 3000ccm cyl.
LiHMDSi.8000.DOCK/100.8000	3900g / 8000ccm cyl.

Quality Standards

PG Pure Grade

Vapor Pressure Curve

Application

MO-CVD



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