

SODIUMHEXAMETHYLDISILAZANIDE

HMDSNa

 **Product description**

Name: SODIUMHEXAMETHYLDISILAZANIDE

CAS-Number: 1070-89-9

Application: Sodium precursor for CVD and ALD applications

Element: Na

SODIUMHEXAMETHYLDISILAZANIDE

HMDSNa

Physical Properties

Vapor pressure equat.:	<0.13 mbar at 25 °C
Density:	1.816 g/cm ³
Molweight:	183.37 g/mol
Melting point:	171-175 °C / 339.8-347 °F
Boiling point:	170 °C / 338 °F (2.67 mbar)
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended conditions
State of matter:	Solid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	8, II
UN-no:	3263
IMDG-class:	8, II
UN-no:	3263
ICAO/IATA-class:	8, II
UN-no:	3263 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

HMDSNa.100.DOCK/10.150	100g / 150ccm cyl.
HMDSNa.500.DOCK/10.400	500g / 400ccm cyl.
HMDSNa.750.DOCK/10.600	750g / 600ccm cyl.
HMDSNa.1500.DOCK/10.1000	1500g / 1000ccm cyl.
HMDSNa.4500.DOCK/10.3000	4500g / 3000ccm cyl.

Quality Standards

DG Development Grade

Vapor Pressure Curve

Application

Sodium precursor for CVD and ALD applications



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