

**'DOCK/  
CHEMICALS**

SEMICONDUCTORS DECISION

# HMDSNa

Sodium precursor for CVD and ALD applications

'MO-CVD

BP: 170 °C/338 °F/2 Torr

'HMDSNa-SODIUMHEXAMETHYLDISILAZANIDE

PRODUCT DATASHEET

# 'HMDSNa-SODIUMHEXAMETHYLDISILAZANIDE

## IDENTIFICATION

<b>CAS-No:</b>	1070-89-9
<b>EINECS/ELINCS-No:</b>	213-983-8
<b>Other name:</b>	Hexamethyldisilazanesodium salt

'MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	<0.1 mmHg at 25 °C
<b>Density:</b>	1,816 g/cm <sup>3</sup> at 25 °C
<b>Molweight:</b>	183.37 g/mol
<b>Melting point:</b>	171-175 °C/339.8-347 °F
<b>Boiling point:</b>	170 °C/338 °F at 2 Torr

## CHEMICAL PROPERTIES

<b>Stability:</b>	Stable under recommended conditions
<b>State of matter:</b>	Solid

## SAFETY & TRANSPORT

<b>Toxicity:</b>	n.a.
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
<b>ADR/RID</b>	
<b>ADR/RID-class:</b>	8, II
<b>UN-no:</b>	3263
<b>IMDG</b>	
<b>IMDG -class:</b>	8, II
<b>UN-no:</b>	3263
<b>ICAO/IATA</b>	
<b>ICAO/IATA-class:</b>	8, II
<b>UN-no:</b>	3263 – AIRFREIGHT ALLOWED

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

## PACKAGING & STANDARD FILLING VOLUMES

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

## QUALITY STANDARDS

**DG** Development Grade

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

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