

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

HMDSK

Potassium precursor for CVD and ALD applications

'HMDSK-POTASSIUMHEXAMETHYLDISILAZANIDE

PRODUCT DATASHEET

'MO-CVD

MP: 158-162 °C/316.4-323.6 °F

'HMDSK-POTASSIUMHEXAMETHYLDISILAZANIDE

IDENTIFICATION

CAS-No:	40949-94-8
EINECS/ELINCS-No:	n.a.
Other name:	Hexamethyldisilazanepotassium salt

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	<0.1 mmHg at 25 °C
Relative Density:	0.877 g/cm ³ at 25 °C
Molweight:	199.48 g/mol
Melting point:	158-162 °C/316.4-323.6°F
Boiling point:	n.a.

CHEMICAL PROPERTIES

Stability:	Stable under recommended conditions
State of matter:	Solid

SAFETY & TRANSPORT

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

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

PACKAGING & STANDARD FILLING VOLUMES

HMDSK.100.DOCK/10.150	100g / 150ccm cyl.
HMDSK.200.DOCK/10.400	200g / 400ccm cyl.
HMDSK.400.DOCK/10.600	400g / 600ccm cyl.
HMDSK.750.DOCK/10.1000	750g / 1000ccm cyl.
HMDSK.2000.DOCK/10.3000	2000g / 3000ccm cyl.

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

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PRODUCT DATASHEET

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