

POTASSIUMHEXAMETHYLDISILAZANIDE

HMDSK

 Product description

Name: POTASSIUMHEXAMETHYLDISILAZANIDE
CAS-Number: 40949-94-8

Application: Potassium precursor for CVD and ALD applications

Element: K

POTASSIUMHEXAMETHYLDISILAZANIDE

HMDSK

Physical Properties

Vapor pressure equat.:	<0.13 mbar at 25 °C
Density:	0.877 g/cm ³
Molweight:	199.48 g/mol
Melting point:	158-162 °C / 316.4-323.6°F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended conditions
State of matter:	Solid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	8, III
UN-no:	3263
IMDG-class:	8, III
UN-no:	3263
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

Application

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Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

dockchemicals.com