

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

$C_8H_{22}N_2Si$

Si Precursor for CVD and ALD application

'MO-CVD

BP: 70 °C / 158 °F/1013 hPa

'BDEASi-BIS(DIETHYLAMINO)SILANE

PRODUCT DATASHEET

'BDEASi-BIS(DIETHYLAMINO)SILANE

Identification

CAS-No:	27804-64-4
EC-No:	n.r.
EG-Index-No.:	n.r.
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	1 Torr @ 20 °C; 30 Torr @ 70 °C
Relative Density (20°C):	0.81 g/cm ³
Molweight:	174.36 g/mol
Melting point:	-10 °C
Boiling point:	70 °C/158 °F

CHEMICAL PROPERTIES

Stability:	Stable in sealed corrosion resistant container and stored under dry inert atmosphere.
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	no data available
Explosion limit Vol%:	no data available
Auto ignition temp. °C:	no data available
ADR/RID	
ADR/RID-class:	3 Sec-Risk. (8)
UN-no:	2924
IMDG	
IMDG-class:	3 Sec-Risk. (8)
UN-no:	2924
ICAO/IATA	
ICAO/IATA-class:	3 Sec-Risk. (8)
UN-no:	2924 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

BDEASi.100.DOCK/10.150	100g / 150ccm cyl.
BDEASi.290.DOCK/10.400	290g / 400ccm cyl.
BDEASi.425.DOCK/10.600	425g / 600ccm cyl.
BDEASi.725.DOCK/10.1000	725g / 1000ccm cyl
BDEASi.2100.DOCK/10.3000	2100g / 3000ccm cyl

QUALITY STANDARDS

EG –Electronic Grade

VAPOR PRESSURE CURVE

Not available

APPLICATION

ALD and CVD precursor

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