

BIS(DIETHYLAMINO)SILANE

BDEASi

 **Product description**

Name: BIS(DIETHYLAMINO)SILANE

CAS-Number: 27804-64-4

Application: ALD and CVD precursor

Element: Si

BIS(DIETHYLAMINO)SILANE

BDEASi

Physical Properties

Vapor pressure equat.:	1.33 mbar at 20 °C / 40.0 mbar at 70 °C
Density:	0.81 g/cm ³
Molweight:	174.36 g/mol
Melting point:	-10 °C
Boiling point:	70 °C / 158 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Water-Reactive
Thermal decomposition:	
ADR/RID-class:	4.3(3)
UN-no:	3399, PG III
IMDG-class:	4.3(3)
UN-no:	3399
ICAO/IATA-class:	4.3(3)
UN-no:	3399 – 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

Application

ALD and CVD precursor



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](https://www.dockchemicals.com)