

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

$C_8H_{22}N_2Si$

Si Precursor for CVD and ALD application

'MO-CVD

BP: 167 °C / 332,6 °F/1013 hPa

'BTBASi-BIS(TERT-BUTYLAMINO)SILANE

PRODUCT DATASHEET

'BTBASi-BIS(TERT-BUTYLAMINO)SILANE

Identification

CAS-No:	186598-40-3
EC-No:	n.r.
EG-Index-No.:	n.r.
Other name:	-

PHYSICAL PROPERTIES

Vapor pressure (20°C):	$\lg p(\text{Torr}) = 8.66 - 2500/T(\text{K})$
Relative Density (20°C):	0.816 g/cm ³
Molweight:	174.36 g/mol
Melting point:	n.a.
Boiling point (5.3 mbar):	167 °C / 332.6 °F

CHEMICAL PROPERTIES

Stability:	Stable in sealed corrosion resistant container. Stored under a dry inert atmosphere.
State of matter:	Solid

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/GGVSee-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

BTBASi.100.DOCK/10.150	100g / 150ccm cyl.
BTBASi.250.DOCK/10.400	250g / 400ccm cyl.
BTBASi.425.DOCK/10.600	425g / 600ccm cyl.
BTBASi.700.DOCK/10.1000	700g / 1000ccm cyl.

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Dockweiler Chemicals GmbH

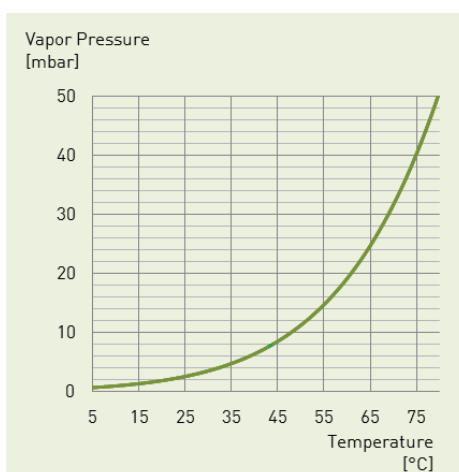
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'MO-CVD

QUALITY STANDARDS

EG –Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

ALD and CVD precursor

PRODUCT DATASHEET

www.dockchemicals.com