

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Si Precursor for CVD and ALD application

'MO-CVD

BP: 134 °C / 273,2 °F/1013 hPa

'BEMASi-BIS(ETHYLMETHYLAMINO)SILANE

PRODUCT DATASHEET

# ' ' BEMASi-BIS(ETHYLMETHYLAMINO)SILANE

## Identification

<b>CAS-No:</b>	1011514-41-2
<b>EC-No:</b>	n.r.
<b>EG-Index-No.:</b>	n.r.
<b>Other name:</b>	BEMAS

' MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	5,4 Torr @ 25 °C; 30 Torr @ 70 °C
<b>Relative Density:</b>	0,8 g/mL @ 20 °C
<b>Molweight:</b>	146.31 g/mol
<b>Melting point:</b>	no data available
<b>Boiling point:</b>	134 °C/273,2 °F

## CHEMICAL PROPERTIES

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

## SAFETY & TRANSPORT

<b>Toxicity:</b>	Highly flammable, corrosive
<b>Explosion limit Vol%:</b>	no data available
<b>Auto ignition temp. °C:</b>	no data available
<b>ADR/RID</b>	
<b>ADR/RID-class:</b>	3 (8), PG III
<b>UN-no:</b>	2924
<b>IMDG</b>	
<b>IMDG:</b>	3 (8), PG III
<b>UN-no:</b>	2924
<b>ICAO/IATA</b>	
<b>ICAO/IATA-class:</b>	3 (8), PG III (AIR FREIGHT ALLOWED)
<b>UN-no:</b>	2924

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>BEMASi.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>BEMASi.250.DOCK/10.400</b>	250g / 400ccm cyl.
<b>BEMASi.400.DOCK/10.600</b>	400g / 600ccm cyl.
<b>BEMASi.700.DOCK/10.1000</b>	700g / 1000ccm cyl.
<b>BEMASi.2000.DOCK/10.3000</b>	2000g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE

Not available

## APPLICATION

ALD and CVD precursor

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