

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Low Temperature decomposing N- Precursor  
for MOVPE

'MO-III/V

BP: 135 °C/275 °F/1013 hPa

'TBHy-TERTIARYBUTYLHYDRAZINE

PRODUCT DATASHEET

# 'TBHy-TERTIARYBUTYLHYDRAZINE

## IDENTIFICATION

<b>CAS-No:</b>	32064-67-8
<b>EINECS/ELINCS-No:</b>	n.r.
<b>EG-Index-No.:</b>	n.r.
<b>Other name:</b>	none

'MO-III/W

## PHYSICAL PROPERTIES

<b>Vapor pressure equat.:</b>	$\lg p(\text{Torr}) = 2.66 - 531/T(\text{K})$
<b>Density:</b>	0.77 g/cm <sup>3</sup>
<b>Molweight:</b>	88.1 g/mol
<b>Melting point:</b>	n.a.
<b>Boiling point:</b>	135 °C / 275 °F

## CHEMICAL PROPERTIES

<b>Stability:</b>	Stable under inert gas
<b>State of matter:</b>	Liquid

## SAFETY & TRANSPORT

<b>Toxicity:</b>	No data available
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	6.1
<b>UN-no:</b>	2929
IMDG	
<b>IMDG -class:</b>	6.1
<b>UN-no:</b>	2929
ICAO/IATA	
<b>ICAO/IATA-class:</b>	6.1
<b>UN-no:</b>	2929 – AIR FREIGHT ALLOWED

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

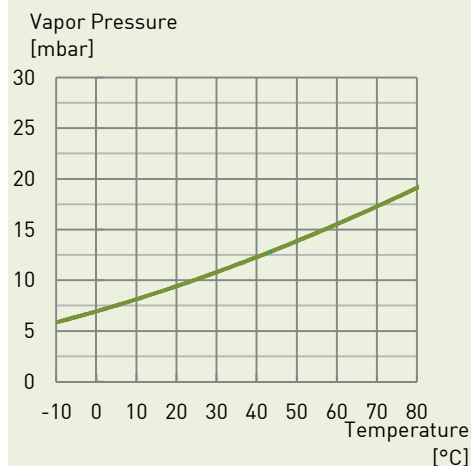
## PACKAGING & STANDARD FILLING VOLUMES

<b>TBHy.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>TBHy.400.DOCK/10.400</b>	275g / 400ccm cyl.
<b>TBHy.1000.DOCK/10.1000</b>	650g / 1000ccm cyl.
<b>TBHy.3000.DOCK/10.3000</b>	2000g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE



## APPLICATION

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Precursor for MOVPE

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