

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Molybdenum precursor for MOCVD

'TBDMAM<sub>o</sub> - BIS(TERT-BUTYLIMINO)BIS(DIMETHYLAMINO)MOLBYDENUM(VI)

PRODUCT DATASHEET

'MO-CVD

BP: 61 °C/142 °F at 0.02 Torr

# TBDMAMo - BIS(TERT-BUTYLIMINO)BIS(DIMETHYLAMINO)MOLYBDENUM(VI)

## IDENTIFICATION

<b>CAS-No:</b>	923956-62-1
<b>EC-No:</b>	632-998-4
<b>Other name:</b>	BTBMMo

'MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	$\log_{10}(p, \text{Torr}) = 9.8 - 3447/T(\text{K})$
<b>Density:</b>	n.a.
<b>Molweight:</b>	326.35 g/mol
<b>Melting point:</b>	n.a.
<b>Boiling point:</b>	61 °C/142 °F at 0.02 Torr

## CHEMICAL PROPERTIES

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

## SAFETY & TRANSPORT

<b>Toxicity:</b>	n.a.
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	4.3
<b>UN-no:</b>	3399, PG I
IMDG	
<b>IMDG -class:</b>	4.3
<b>UN-no:</b>	3399, PG I
ICAO/IATA	
<b>ICAO/IATA-class:</b>	4.3
<b>UN-no:</b>	3399, PG I – AIR FREIGHT ALLOWED up to 1L

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

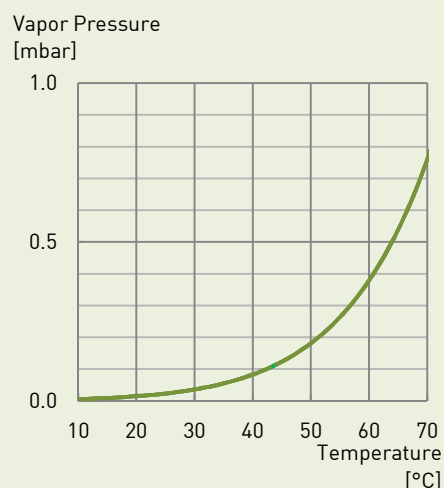
## PACKAGING & STANDARD FILLING VOLUMES

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

## QUALITY STANDARDS

**DG Development Grade**

## VAPOR PRESSURE CURVE



## APPLICATION

ALD and CVD precursor

**'DOCK/  
CHEMICALS**

SEMICONDUCTORS DECISION

### Dockweiler Chemicals GmbH

Emil-von-Behring-Strasse 76 35041 Marburg Germany  
T +49 6421 396 -380 | F +49 6421 396 -381  
sales@dockchemicals.com

**PRODUCT DATASHEET**

www.dockchemicals.com