‘DOCK/
CHEMICALS
SEMICONDUCTORS DECISION

$((CH_3)_3CN)_2W(N(CH_3)_2)_2$

Standard Tungsten precursor for MOCVD

´TBDMAW - BIS(TERT-BUTYLIMINO)BIS(DIMETHYLAMINO)TUNGSTEN(VI)

PRODUCT DATASHEET

´MO-CVD

BP: 81 °C/177.8 °F at 0.02 Torr

´TBDMAW - BIS(TERT-BUTYLIMINO)BIS(DIMETHYLAMINO)TUNGSTEN(VI)

IDENTIFICATION

CAS-No:	406462-43-9
EC-No:	624-177-4
Other name:	BTBMW

´MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	0.037 Torr at 30 °C
Density:	1.305 g/mL at 25 °C
Molweight:	414.23 g/mol
Melting point:	n.a.
Boiling point:	81 °C/177.8 °F at 0.02 Torr

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3
UN-no:	3398, PG I
IMDG	
IMDG -class:	4.3
UN-no:	3398, PG I
ICAO/IATA	
ICAO/IATA-class:	4.3
UN-no:	3398, PG I – AIR FREIGHT ALLOWED up to 1L

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

PACKAGING & STANDARD FILLING VOLUMES

TBDMAW.100.DOCK/10.150	100g / 150ccm cyl.
TBDMAW.400.DOCK/10.400	400g / 400ccm cyl.
TBDMAW.600.DOCK/10.600	600g / 600ccm cyl.
TBDMAW.1000.DOCK/10.1000	1000g / 1000ccm cyl
TBDMAW.3000.DOCK/10.3000	3000g / 3000ccm cyl.

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

ALD and CVD precursor

'DOCK/ CHEMICALS
SEMICONDUCTORS DECISION

PRODUCT DATASHEET

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