‘DOCK/
CHEMICALS
SEMICONDUCTORS DECISION

$C_{12}H_{30}N_4W$

Tungsten precursor for CVD / ALD

‘CVD / ALD

Bp: 81 °C / 177.8 °F (0.02 mmHg)

‘BTBMW – BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)TUNGSTEN

PRODUCT DATASHEET

´BTBMW – BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)TUNGSTEN

IDENTIFICATION

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

´CVD/ALD

PHYSICAL PROPERTIES

Vapor pressure equat.:	n.a.
Density:	1.305 g/cm³ (25 °C)
Molweight:	414.23 g/mol
Melting point:	< 0 °C
Boiling point:	81 °C / 177.8 °F (0.02 mmHg)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Inflammable, Corrosive
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3, PG I
UN-no:	3398
IMDG	
IMDG -class:	4.3, PG I
UN-no:	3398
ICAO/IATA	
ICAO/IATA-class:	4.3, PG I
UN-no:	3398 – AIRFREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

BTBMW.100.DOCK/10.150	100g / 150ccm cyl.
BTBMW.400.DOCK/10.400	400g / 400ccm cyl.
BTBMW.600.DOCK/10.600	600g / 600ccm cyl.
BTBMW.1000.DOCK/10.1000	1000g / 1000ccm cyl
BTBMW.3000.DOCK/10.3000	3000g / 3000ccm cyl.
BTBMW.8000.DOCK/10.8000	8000g / 8000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

CVD, ALD

'DOCK/
CHEMICALS
SEMICONDUCTORS DECISION

PRODUCT DATASHEET

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