

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

$C_{11}H_{23}N_3Hf$

Hafnium precursor for CVD and ALD processes

'TDMACpHf - TRIS-DIMETHYLAMIDO-CYCLOPENTADIENYL-HAFNIUM

PRODUCT DATASHEET

'MO-CVD

BP: 145-148 °C / 293-298 °F/1013 hPa

'TDMACpHf - TRIS-DIMETHYLAMIDO-CYCLOPENTADIENYL-HAFNIUM

Identification

CAS-No:	941596-80-1
EC-No:	n.r.
EG-Index-No.:	n.r.
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	n.a.
Density:	n.a.
Molweight:	375.81 g/mol
Melting point:	n.a.
Boiling point :	n.a.

CHEMICAL PROPERTIES

Stability:	Stable under recommended storage conditions
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
IMDG	
IMDG-class:	4.3
UN-no:	3398
ICAO/IATA	
ICAO/IATA-class:	4.3
UN-no:	3398 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TDMACpHf.100.DOCK/10.150	100g / 150ccm cyl.
TDMACpHf.200.DOCK/10.400	200g / 400ccm cyl.
TDMACpHf.500.DOCK/10.600	500g / 600ccm cyl.
TDMACpHf.900.DOCK/10.1000	900g / 1000ccm cyl
TDMACpHf.2500.DOCK/10.3000	2500g / 3000ccm cyl

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

ALD and CVD precursor

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PRODUCT DATASHEET

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