

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

C₂₄H₃₈Eu

Europium Precursor for CVD application

'MO-CVD

MP: 49 °C/120 °F/1013 hPa

'BNPTMCpEu-BIS(N-PROPYLTETRAMETHYLCYCLOPENTADIENYL)EUROPIUM

PRODUCT DATASHEET

'BNPTMCpEu-BIS(N-PROPYLTETRAMETHYLCYCLOPENTADIENYL)EUROPIUM

IDENTIFICATION

CAS-No:	n.a.
EINECS/ELINCS-No:	not registered
Other names:	none

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	0.001 Torr at 115°C
Density:	n.a.
Molweight:	478.5 g/mol
Melting point:	49 °C/120 °F
Boiling point:	n.a.

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.1
UN-no:	1325
IMDG	
IMDG-class:	4.1
UN-no:	1325
ICAO/IATA	
ICAO/IATA-class:	4.1
UN-no:	1325 – AIR FREIGHT ALLOWED

APPLICATION

MOCVD

PACKAGING & STANDARD FILLING VOLUMES

BNPTMCpEu.50.DOCK/10.150	50g / 150ccm cyl.
BNPTMCpEu.100.DOCK/10.150	100g / 150ccm cyl.
BNPTMCpEu.200.DOCK/10.400	200g / 400ccm cyl.
BNPTMCpEu.300.DOCK/10.600	300g / 600ccm cyl.
BNPTMCpEu.500.DOCK/10.1000	500g / 1000ccm cyl.

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PRODUCT DATASHEET

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