

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Platinum-precursor for CVD applications

MO-CVD

MP: 29-30°C / 79-84°F / 1013 hPa

MeCpPtMe₃ - (TRIMETHYL)METHYLCYCLOPENTADIENYLPLATINUM

PRODUCT DATASHEET

'MeCpPtMe₃ - (TRIMETHYL)METHYLCYCLOPENTADIENYLPLATINUM

IDENTIFICATION

CAS-No:	94442-22-5
ECNo:	629-160-5
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	1 Torr at 56 °C
Density:	1.88 g/cm ³
Molweight:	319.3 g/mol
Melting point:	29-30 °C / 79-84 °F
Boiling point:	no data available

CHEMICAL PROPERTIES

Stability:	Stable under recommended conditions
Reactivity & handling:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SAFETY & TRANSPORT

Toxicity:	Very toxic to humans and aquatic life
Explosion limit Vol%:	no data available
Auto ignition temp. °C:	no data available
ADR/RID 2019	
ADR/RID-class:	6.1, PG I
UN-no:	3467
IMDG Arndt. 38-16	
IMDG/GGVSee-class:	6.1, PG I
UN-no:	3467
ICAO/IATA 2019	
ICAO/IATA-class:	6.1, PG I
UN-no:	3467 - AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

MeCpPtMe₃.100.DOCK/10.150	100g / 150ccm cyl.
MeCpPtMe₃.200.DOCK/10.400	200g / 400ccm cyl.
MeCpPtMe₃.500.DOCK/10.400	500g / 400ccm cyl.
MeCpPtMe₃.800.DOCK/10.600	800g / 800ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

no data available

APPLICATION

Pt precursor for CVD and ALD

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PRODUCT DATASHEET

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