

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

$C_{10}H_{14}O_4Pt$

Platinum precursor for MOCVD

'PtAcAc2 - PLATINACETYLACETONATE

PRODUCT DATASHEET

'MO-CVD

MP: 239°C / 462°F

'PtAcAc2 - PLATINACETYLACETONATE

IDENTIFICATION

CAS-No:	15170-57-7
EC-No:	239-223-5
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\ln(p, \text{Torr}) = 20.19 - (12737/T(\text{K}))$ for $T = 59-180\text{ }^\circ\text{C}$
Density:	2.362 g/cm ³
Molweight:	393.3 g/mol
Melting point:	239 °C – lit/462 °F – lit.
Boiling point:	n.a.

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

CHEMICAL PROPERTIES

Stability:	Stable under recommended storage conditions
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:	Not dangerous goods
UN-no:	
IMDG	
IMDG -class:	Not dangerous goods
UN-no:	
ICAO/IATA	
ICAO/IATA-class:	Not dangerous goods
UN-no:	

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

APPLICATION

MOCVD

PACKAGING & STANDARD FILLING VOLUMES

PtAcAc2.50.DOCK/10.150	50g / 150ccm cyl.
PtAcAc2.100.DOCK/10.150	100g / 150ccm cyl.
PtAcAc2.200.DOCK/10.400	200g / 400ccm cyl.
PtAcAc2.400.DOCK/10.600	400g / 600ccm cyl.
PtAcAc2.800.DOCK/10.1000	800g / 1000ccm cyl.

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PRODUCT DATASHEET

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