

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

$C_{15}H_{21}IrO_6$

Iridium precursor for MOVPE

'MO- CVD

MP: 269-271°C / 516.2-519.8 °F

'IrAcAc3 - IRIDIUMACETYLACETONATE

PRODUCT DATASHEET

IrAcAc3 - IRIDIUMACETYLACETONATE

IDENTIFICATION

CAS-No:	15635-87-7
EC-No:	239-711-8
Other name:	-

MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\ln(p, \text{Torr}) = 25.88 - (15391/T[\text{K}])$ for $T = 110\text{-}200\text{ }^\circ\text{C}$
Density:	n.a.
Molweight:	489.5 g/mol
Melting point:	269 - 271 °C - lit/516,2 - 519,8 °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

IrAcAc3.50.DOCK/10.150	50g / 150ccm cyl.
IrAcAc3.100.DOCK/10.150	100g / 150ccm cyl.
IrAcAc3.200.DOCK/10.400	200g / 400ccm cyl.
IrAcAc3.400.DOCK/10.600	400g / 600ccm cyl.
IrAcAc3.800.DOCK/10.1000	800g / 1000ccm cyl.

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PRODUCT DATASHEET

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