‘DOCK/
CHEMICALS
SEMICONDUCTORS DECISION

$C_{24}H_{33}La$

Lanthanum precursor for CVD & ALD

´(iPCp)$_3$La- TRIS(ISOPROPYLCYCLOPENTADIENYL) LANTHANUM

PRODUCT DATASHEET

´MO-CVD

Bp: 180 °C / 356 °F (0.02 Torr)

´$(iPCp)_3La$- TRIS(ISOPROPYLCYCLOPENTADIENYL)LANTHANUM

´MO-CVD

IDENTIFICATION

CAS-No:	68959-87-5
EC-No:	-
Other name:	-

PHYSICAL PROPERTIES

Vapor pressure:	n.a.
Density:	ca. 1.2 g/cm³
Molweight:	460.43 g/mol
Melting point:	<15 °C
Boiling point:	180 °C / 356 °F (0.02 Torr)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
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:	no dangerous good
UN-no:	no dangerous good
IMDG	
IMDG -class:	no dangerous good
UN-no:	no dangerous good
ICAO/IATA	
ICAO/IATA-class:	no dangerous good
UN-no:	no dangerous good – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

$(iPCp)_3La$.100.DOCK/10.150	100g / 150ccm cyl.
$(iPCp)_3La$.400.DOCK/10.400	400g / 400ccm cyl.
$(iPCp)_3La$.600.DOCK/10.600	600g / 600ccm cyl.
$(iPCp)_3La$.1000.DOCK/10.1000	1000g / 1000ccm cyl
$(iPCp)_3La$.3000.DOCK/10.3000	3000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

ALD and CVD La precursor

DOCK/ CHEMICALS
SEMICONDUCTORS DECISION

PRODUCT DATASHEET

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