

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Indium precursor for CVD applications

MO-CVD

BP: 112 °C / 234 °F (36 Torr)

IndCp₃ - TRIS(CYCLOPENTADIENYL)INDIUM

PRODUCT DATASHEET

InCp_3 - TRIS(CYCLOPENTADIENYL)INDIUM

IDENTIFICATION

CAS-No:	246247-11-0
EC-No:	-
Other name:	-

MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	ca. 1 Torr (60 °C)
Density:	ca. 1.1 g/cm ³
Molweight:	244.09 g/mol
Melting point:	<10 °C / <50 °F
Boiling point:	112 °C / 234 °F (36 Torr)

CHEMICAL PROPERTIES

Stability:	Limited Shelf life
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Pyrophoric
Explosion limit Vol%:	Pyrophoric
Auto ignition temp. °C:	Pyrophoric
ADR/RID	
ADR/RID-class:	4.2(4.3)
UN-no:	3394, PG I
IMDG	
IMDG -class:	4.2(4.3)
UN-no:	3394, PG I
ICAO/IATA	
ICAO/IATA-class:	4.2(4.3)
UN-no:	3394, PG I – AIRFREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

InCp₃.100.DOCK/10.150	100g / 150ccm cyl.
InCp₃.400.DOCK/10.400	400g / 400ccm cyl.
InCp₃.600.DOCK/10.600	600g / 600ccm cyl.
InCp₃.1000.DOCK/10.1000	1000g / 1000ccm cyl.
InCp₃.3000.DOCK/10.3000	3000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Alternative Indium precursor for CVD applications

**DOCK/
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PRODUCT DATASHEET

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