

# DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

# C<sub>5</sub>H<sub>5</sub>In

Indium precursor for CVD

MO-CVD

BP: 112 °C / 234 °F (36 Torr)

InCp - CYCLOPENTADIENYLINDIUM

PRODUCT DATASHEET

# InCp - CYCLOPENTADIENYLINDIUM

## IDENTIFICATION

**CAS-No:**  
**EC-No:** -  
**Other name:** -

MO-CVD

## PHYSICAL PROPERTIES

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

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE

n.a.

## 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)

## APPLICATION

Alternative In precursor for CVD applications

## PACKAGING & STANDARD FILLING VOLUMES

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

**DOCK/  
CHEMICALS**

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PRODUCT DATASHEET

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