

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Novel and safe liquid In-Precursor for  
MOVPE, CVD and ALD applications

'MO-III/V

BP: 57 °C/135 °F/5.3 hPa

'DADI-DIMETHYLAMINOPROPYL-DIMETHYL-INDIUM

PRODUCT DATASHEET

# 'DADI-DIMETHYLAMINOPROPYL-DIMETHYL-INDIUM

## IDENTIFICATION

<b>CAS-No:</b>	120441-92-1
<b>EINECS/ELINCS-No:</b>	not registered
<b>Other name:</b>	N,N Dimethylaminopropyl-dimethyl-indium

'MO-III/V

## PHYSICAL PROPERTIES

<b>Vapor pressure equat.:</b>	$\ln p(\text{Pa}) = 24.564 - 5957.98 / [T(\text{K}) - 12.989]$
<b>Density (@20°C):</b>	ca. 1.1 g/cm <sup>3</sup>
<b>Molweight g/mol:</b>	231.04
<b>Melting point:</b>	12 °C/54 °F
<b>Boiling point:</b>	57 °C/135 °F/5.3 hPa

## CHEMICAL PROPERTIES

<b>Stability:</b>	Stable under inert gas
<b>State of matter:</b>	Liquid

## SAFETY & TRANSPORT

<b>Toxicity:</b>	No data available
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	4.3
<b>UN-no:</b>	3399
IMDG	
<b>IMDG-class:</b>	4.3
<b>UN-no:</b>	3399
ICAO/IATA	
<b>ICAO/IATA-class:</b>	4.3
<b>UN-no:</b>	3399 – AIR FREIGHT ALLOWED

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

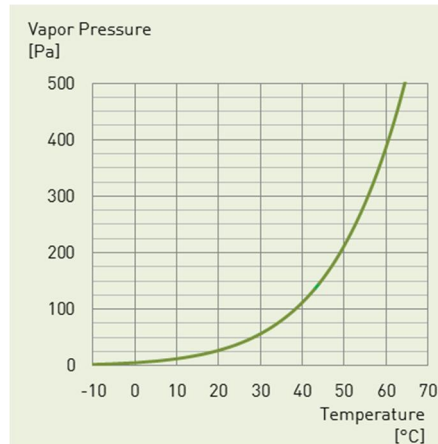
## PACKAGING & STANDARD FILLING VOLUMES

<b>DADI.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>DADI.400.DOCK/10.400</b>	400g / 400ccm cyl.
<b>DADI.1000.DOCK/10.1000</b>	1000g / 1000ccm cyl.
<b>DADI.3000.DOCK/10.3000</b>	3000g / 3000ccm cyl.
<b>DADI.8000.DOCK/100.8000</b>	8000g / 8000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE



## APPLICATION

III/V MOCVD  
CVD deposition of Indium containing materials, ALD

**'DOCK/  
CHEMICALS**

SEMICONDUCTORS DECISION

## Dockweiler Chemicals GmbH

Emil-von-Behring-Strasse 76 35041 Marburg Germany  
T +49 6421 396 -380 | F +49 6421 396 -381  
sales@dockchemicals.com

**PRODUCT DATASHEET**

www.dockchemicals.com