

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Vanadium precursor for CVD applications

'MO-CVD

MP: 165-167 °C / 329-332.6 °F

'Cp₂V-BISCYCLOPENTADIENYL-VANADIUM

PRODUCT DATASHEET

'Cp₂V-BISCYCLOPENTADIENYL-VANADIUM

'MO-CVD

IDENTIFICATION

CAS-No:	1277-47-0
EC-No:	620-850-1
Other name:	Vanadocene

PHYSICAL PROPERTIES

Vapor pressure equat.:	n.a.
Density:	n.a.
Molweight:	181.13 g/mol
Melting point:	165-167 °C / 329-332.6 °F
Boiling point:	n.a.

CHEMICAL PROPERTIES

Stability:	Stable
State of matter:	Solid

SAFETY & TRANSPORT

Fish Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.1 (6.1), PG II
UN-no:	2926
IMDG	
IMDG-class:	4.1 (6.1), PG II
UN-no:	2926
ICAO/IATA	
ICAO/IATA-class:	4.1 (6.1), PG II
UN-no:	2926 – AIR FREIGHT ALLOWED

For further details please refer to Material Data Sheet [SDS]

PACKAGING & STANDARD FILLING VOLUMES

Cp₂V.50.DOCK/10.150	50g / 150ccm cyl.
Cp₂V.100.DOCK/10.150	100g / 150ccm cyl.
Cp₂V.200.DOCK/10.400	200g / 400ccm cyl.
Cp₂V.400.DOCK/10.600	450g / 600ccm cyl.

QUALITY STANDARDS

PG

VAPOR PRESSURE CURVE

n.a.

APPLICATION

MOCVD
Vanadium Dopant

**'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