

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Zinc precursor for MOVPE

DEZn - DIETHYLZINC

PRODUCT DATASHEET

MO-III/V

BP: 117.6 °C/243.7 °F/1013 hPa

'DEZn - DIETHYLZINC

IDENTIFICATION

CAS-No:	557-20-0
EC-No:	209-161-3
Other name:	-

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{torr}) = 8.28 - 2109/T(K)$
Density:	1.198 g/cm ³
Molweight:	123.4 g/mol
Melting point:	-30 °C/-22 °F
Boiling point:	117.6 °C/342.7 °F/1013 mbar

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	Pyrophoric
Auto ignition temp. °C:	Pyrophoric
ADR/RID	
ADR/RID-class:	4.2
UN-no:	3394
IMDG	
IMDG -class:	4.2
UN-no:	3394
ICAO/IATA	
ICAO/IATA-class:	4.2
UN-no:	3394 – AIR FREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

DEZn.100.DOCK/10.150	100g / 150ccm cyl.
DEZn.400.DOCK/10.400	400g / 400ccm cyl.
DEZn.600.DOCK/10.600	600g / 600ccm cyl.
DEZn.1000.DOCK/10.1000	1000g / 1000ccm cyl.
DEZn.3000.DOCK/10.3000	3000g / 3000ccm cyl.
DEZn.8000.DOCK/100.8000	8000g / 8000ccm cyl.

**'DOCK/
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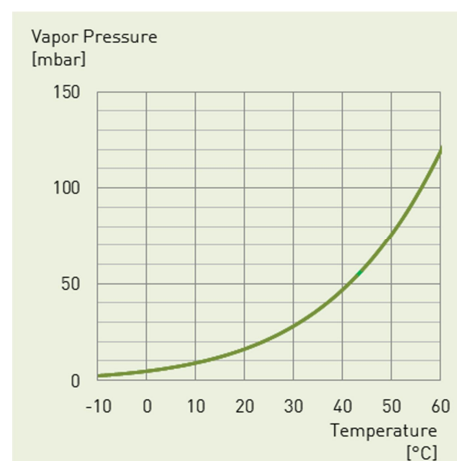
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QUALITY STANDARDS

TCO	Transparent Conductive Oxide Grade
EG	Electronic Grade
OEG	Opto Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD, TCO deposition

PRODUCT DATASHEET

www.dockchemicals.com