

DIETHYLZINC

# DEZn

 **Product description**

**Name:** DIETHYLZINC  
**CAS-Number:** 557-20-0

**Application:** III/V MOCVD, TCO deposition

**Element:** Zn

# DIETHYLZINC

## DEZn

### Physical Properties

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

### Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

### Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.2
UN-no:	3394
IMDG-class:	4.2
UN-no:	3394
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

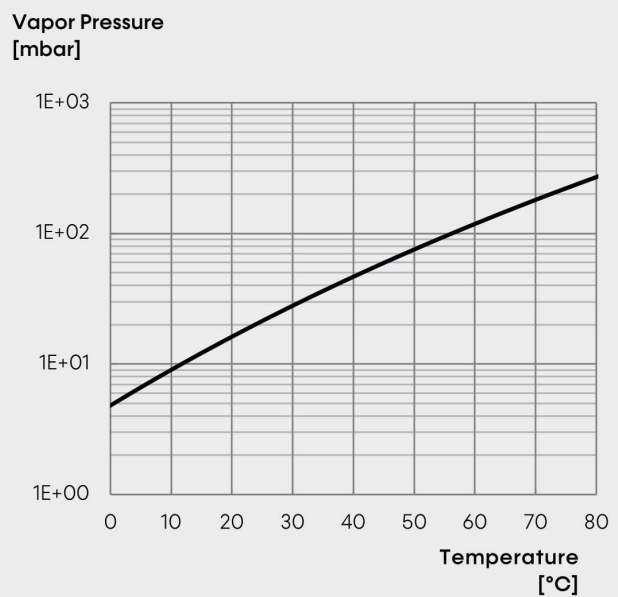
DEZn.100.DOCK/10.150	100g / 150ccm cyl.
DEZn.400.DOCK/10.400	400g / 400ccm cyl.
DEZn.600.DOCK/10.600	600g / 600ccm cyl.
DEZn.1000.DOCK/10.1000	1000g / 1000ccm cyl.
DEZn.3000.DOCK/10.3000	3000g / 3000ccm cyl.
DEZn.8000.DOCK/100.8000	8000g / 8000ccm cyl.

### Quality Standards

TCO Transparent Conductive  
Oxide / Grade / EG Electronic  
Grade

OEG Opto / Electronic Grade

### Vapor Pressure Curve



### Application

III/V MOCVD, TCO deposition



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