

DEZn

DIETHYLZINC

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 8.28 - 2109/T(\text{K})$
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
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Pyrophoric, Skin corrosion, flammable, Toxic to aquatic life
Thermal decomposition:	
ADR/RID-class:	4.2(4.3)
UN-no:	3394, PG I
IMDG-class:	4.2(4.3)
UN-no:	3394, PG I
ICAO/IATA-class:	4.2(4.3)
UN-no:	3394, PG I – AIRFREIGHT 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.

Product Description

Name:	DIETHYLZINC
CAS-Number:	557-20-0
Element:	Zn
Molecular Formula:	C ₄ H ₁₀ Zn

Quality Standards

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

Application

III/V MOCVD, TCO deposition

Vapor Pressure

Vapor Pressure
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