

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Selenium Precursor for CVD application

MO-II/VI

BP: 135 °C/275 °F/1013 hPa

DiPSe-DIISOPROPYLSELENIDE

PRODUCT DATASHEET

DiPSe-DIISOPROPYLSELENIDE

IDENTIFICATION

CAS-No:	37773-02-7
EINECS/ELINCS-No:	not registered
Other names:	none

MO-III/VI

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 7.9937 - 2087/T(\text{K})$
Density:	1.2 g/cm ³
Molweight:	165.1 g/mol
Melting point:	n.a.
Boiling point:	135 °C/275 °F/1013 hPa

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Toxic
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	6.1
UN-no:	3440
IMDG	
IMDG-class:	6.1
UN-no:	3440
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	3440 – AIR FREIGHT ALLOWED

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

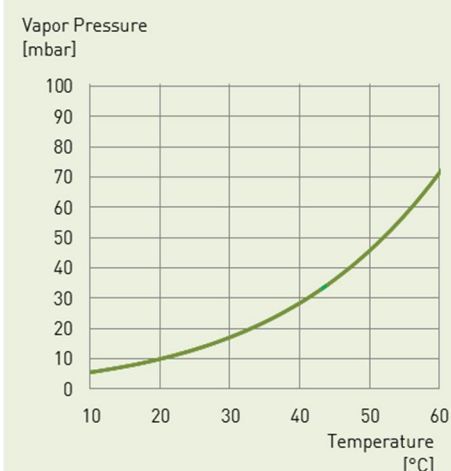
PACKAGING & STANDARD FILLING VOLUMES

DiPSe.100.DOCK/10.150	100g / 150ccm cyl.
DiPSe.400.DOCK/10.400	400g / 400ccm cyl.
DiPSe.1000.DOCK/10.1000	1000g / 1000ccm cyl.
DiPSe.3000.DOCK/10.3000	3000g / 3000ccm cyl.
DiPSe.4000.DOCK/10.3950	4000g / 3950ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD dopant
II/VI deposition
2D materials

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PRODUCT DATASHEET

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