

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

C_2H_6Se

Selenium Precursor for CVD application

BP: 58 °C/136.4 °F/1013 hPa

'DMSe-DIMETHYLSELENIDE

PRODUCT DATASHEET

'MO-II/VI

'DMSe-DIMETHYLSELENIDE

IDENTIFICATION

CAS-No:	593-79-3
EINECS/ELINCS-No:	not registered
Other names:	none

'MO-II/VI

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 9.872 - 2224/T(\text{K})$
Density:	1.43 g/cm ³
Molweight:	109 g/mol
Melting point:	-87.2 °C / -125 °F
Boiling point:	58 °C / 136.4 °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 – AIRFREIGHT ALLOWED

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

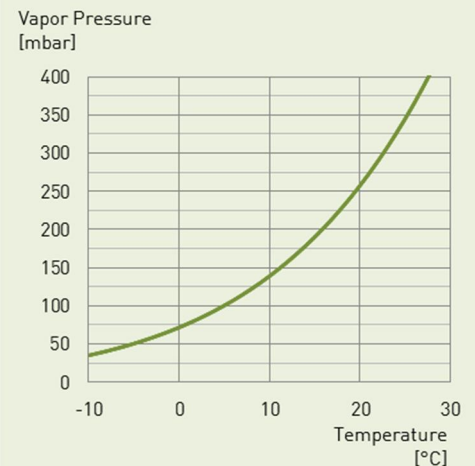
PACKAGING & STANDARD FILLING VOLUMES

DMSe.100.DOCK/10.150	100g / 150ccm cyl.
DMSe.500.DOCK/10.400	500g / 400ccm cyl.
DMSe.1250.DOCK/10.1000	1250g / 1000ccm cyl.
DMSe.3700.DOCK/10.3000	3700g / 3000ccm cyl.
DMSe.5000.DOCK/10.4000	5000g / 4000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD dopant
II/VI deposition

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