‘DOCK/
CHEMICALS
SEMICONDUCTORS DECISION

$C_4H_{10}Se$

Selenium Precursor for CVD application

´DESe-DIETHYLSELENIDE

PRODUCT DATASHEET

´MO-II/VI

BP: 108 °C/226.4 °F/1013 hPa

´DESe-DIETHYLSELENIDE

´MO-II/VI

IDENTIFICATION

CAS-No:	627-53-2
EINECS/ELINCS-No:	not registered
Other names:	none

PHYSICAL PROPERTIES

Vapor pressure equat.:	lgp(Torr) = 8.2-2020/T(K)
Density:	1.23 g/cm³
Molweight:	137.1 g/mol
Melting point:	n.a.
Boiling point:	108 °C/226.4 °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:	1992
IMDG	
IMDG -class:	6.1
UN-no:	1992
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	1992 – AIR FREIGHT ALLOWED

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

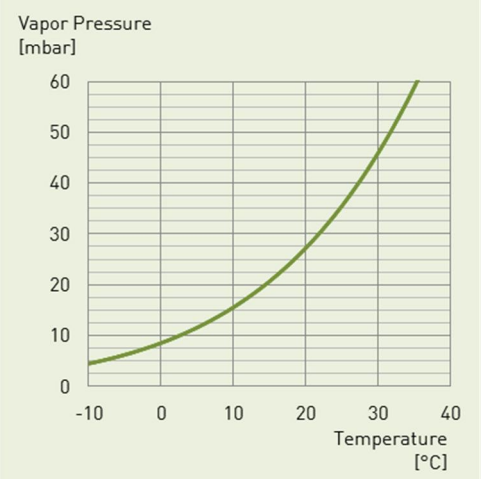
PACKAGING & STANDARD FILLING VOLUMES

DESe.100.DOCK/10.150	100g / 150ccm cyl.
DESe.500.DOCK/10.400	420g / 400ccm cyl.
DESe.1250.DOCK/10.1000	1050g / 1000ccm cyl.
DESe.3700.DOCK/10.3000	3200g / 3000ccm cyl.
DESe.5000.DOCK/10.4000	4300g / 4000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD dopant
II/VI deposition

PRODUCT DATASHEET

DOCK/ CHEMICALS
SEMICONDUCTORS DECISION

Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76 35041 Marburg Germany
T +49 6421 396 -380 I F +49 6421 396 -381
sales@dockchemicals.com