

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Ge-Precursor for CVD and ALD

MO-CVD

BP: 43-44 °C/109.4-111.2°F

TMGe-TETRAMETHYLGEMANE

PRODUCT DATASHEET

'TMGe-TETRAMETHYLGERMANE

IDENTIFICATION

CAS-No:	865-52-1
EINECS/ELINCS-No:	212-745-0
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	465 mbar at 20 °C
Density:	0.978 g/cm ³ at 25 °C
Molweight:	132.78 g/mol
Melting point:	-88 °C / -126.4 °F
Boiling point:	43-44 °C / 109.4-111.2 °F

CHEMICAL PROPERTIES

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

SAFETY & TRANSPORT

Toxicity:	Toxic by inhalation
Explosion limit Vol%:	n.a.
Auto ignition temp.:	n.a.
ADR/RID	
ADR/RID-class:	3
UN-no:	1993
IMDG	
IMDG -class:	3
UN-no:	1993
ICAO/IATA	
ICAO/IATA-class:	3
UN-no:	1993 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TMGe.100.DOCK/10.150	100g / 150ccm cyl.
TMGe.350.DOCK/10.400	350g / 400ccm cyl.
TMGe.900.DOCK/10.1000	900g / 1000ccm cyl.
TMGe.2600.DOCK/10.3000	2600g / 3000ccm cyl.
TMGe.3500.DOCK/10.3950	3500g / 3950ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

CVD deposition of Germanium containing materials

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PRODUCT DATASHEET

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