

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Tellurium precursor for CVD applications

MO-CVD

BP: 232 °C/449.6°F/1013 hPa

MATe – METHYLALLYLTELLURIDE

PRODUCT DATASHEET

'MATE – METHYLALLYLTELURIDE

IDENTIFICATION

CAS-No:	114438-52-7
EC-No:	208-909-6
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\text{LgP(Torr)} = 8.146 - [2196/T]$
Density:	ca. 1.2 g/cm ³ (20 °C)
Molweight:	183.7 g/mol
Melting point:	<15 °C / 59 °F
Boiling point:	56 °C / 133 °F (30 Torr)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Toxic, Flammable
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	6.1(3)
UN-no:	2929, PG II
IMDG	
IMDG -class:	6.1(3)
UN-no:	2929, PG II
ICAO/IATA	
ICAO/IATA-class:	6.1(3)
UN-no:	2929, PG II – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

MATe.100.DOCK/10.150	100g / 150ccm cyl.
MATe.400.DOCK/10.400	400g / 400ccm cyl.
MATe.600.DOCK/10.600	600g / 600ccm cyl.
MATe.1000.DOCK/10.1000	1000g / 1000ccm cyl.
MATe.3000.DOCK/10.3000	3000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

II/VI semiconductor and CVD precursor

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PRODUCT DATASHEET

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