

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Gallium precursor for MOVPE

'MO-III/V

BP: 143 °C/289 °F/1013 hPa

'TEGa - TRIETHYLGALLIUM

PRODUCT DATASHEET

TEGa - TRIETHYLGALLIUM

IDENTIFICATION

CAS-No:	1115-99-7
EC-No:	214-232-7
Other name:	-

MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 8.224 - 2222/T(\text{K})$
Density:	1.059 g/cm ³
Molweight:	156.7 g/mol
Melting point:	-82 °C/-115.6 °F
Boiling point:	143 °C/289 °F/1013 mbar

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	Pyrophoric
Auto ignition temp. °C:	Pyrophoric
ADR/RID	
ADR/RID-class:	4.2
UN-no:	3394
IMDG	
IMDG-class:	4.2
UN-no:	3394
ICAO/IATA	
ICAO/IATA-class:	4.2
UN-no:	3394 – AIR FREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

TEGa.100.DOCK/10.150	100g / 150ccm cyl.
TEGa.350.DOCK/10.400	350g / 400ccm cyl.
TEGa.550.DOCK/10.600	550g / 600ccm cyl.
TEGa.1000.DOCK/10.1000	1000g / 1000ccm cyl.
TEGa.3000.DOCK/10.3000	3000g / 3000ccm cyl.
TEGa.7500.DOCK/100.8000	7500g / 8000ccm cyl.

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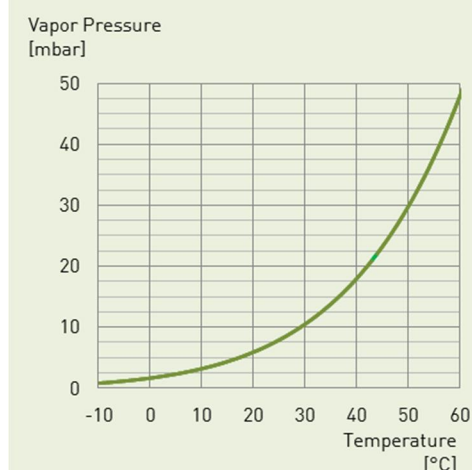
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QUALITY STANDARDS

OEG Opto Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD

PRODUCT DATASHEET

www.dockchemicals.com