

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Gallium precursor for MOVPE

MO-III/V

BP: 56 °C/133 °F/1013 hPa

TMGa - TRIMETHYLGALLIUM

PRODUCT DATASHEET

TMGa - TRIMETHYLGALLIUM

IDENTIFICATION

CAS-No:	1445-79-0
EC-No:	215-897-6
Other name:	-

MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 8.07 - 1703/T(\text{K})$
Density:	1.15 g/cm ³
Molweight:	114.8 g/mol
Melting point:	-16 °C/3 °F
Boiling point:	56 °C/133 °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

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

**DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

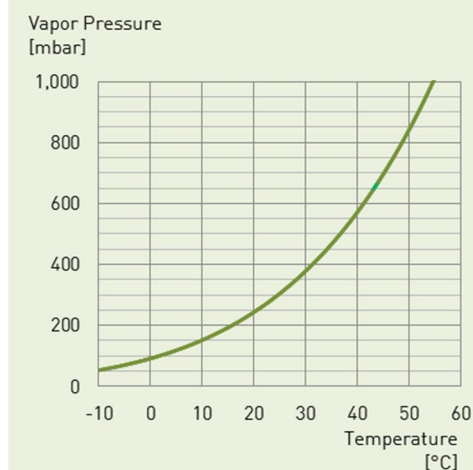
Dockweiler Chemicals GmbH

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

QUALITY STANDARDS

OEG Opto Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD

PRODUCT DATASHEET

www.dockchemicals.com