

TMGa

TRIMETHYLGALLIUM

Physical Properties

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

Chemical Properties

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

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.2
UN-no:	3394
IMDG-class:	4,2
UN-no:	3394
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.

Product Description

Name:	TRIMETHYLGALLIUM
CAS-Number:	1445-79-0
Element:	Ga
Molecular Formula:	C ₃ H ₇ Ga

Quality Standards

OEG Opto Electronic Grade

Application

III/V MOCVD

Vapor Pressure

