

TRIMETHYLARSINE

TMA_s

 **Product description**

Name: TRIMETHYLARSINE

CAS-Number: 593-88-4

Application: III/V MOCVD, Intrinsic Carbon doping for GaAs

Element: As

TRIMETHYLARSINE

TMA_s

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 7.405 - 1480/T(\text{K})$

Density: 1.14 g/cm³

Molweight: 120.03 g/mol

Melting point: -87.3 °C / -125.1 °F

Boiling point: 52 °C / 125.6 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Harmful by Inhalation

Thermal decomposition:

ADR/RID-class: 6.1

UN-no: 1556

IMDG-class: 6.1

UN-no: 1556

ICAO/IATA-class: 6.1

UN-no: 1556 – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TMA_s.100.DOCK/10.150 100g / 150ccm cyl.

TMA_s.350.DOCK/10.400 350g / 400ccm cyl.

TMA_s.1000.DOCK/10.1000 1000g / 1000ccm cyl.

TMA_s.3000.DOCK/10.3000 3000g / 3000ccm cyl.

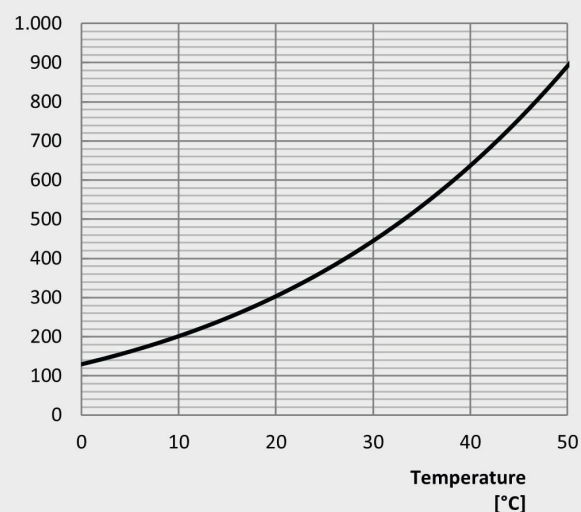
TMA_s.7500.DOCK/100.8000 7500g / 8000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

III/V MOCVD, Intrinsic Carbon doping for GaAs



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

dockchemicals.com