

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Liquid, safe and efficient As-Precursor
for MOVPE

'MO-III/V

BP: 52 °C/125.6 °F/1013 hPa

'TMAs-TRIMETHYLARSINE

PRODUCT DATASHEET

'TMAs-TRIMETHYLARSINE

IDENTIFICATION

CAS-No: 593-88-4
EINECS/ELINCS-No: n.a.

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.: $\lg p(\text{Torr}) = 7.405 - 1480/T(\text{K})$
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/1013 hPa

CHEMICAL PROPERTIES

Stability: Stable under inert gas
State of matter: Liquid

SAFETY & TRANSPORT

Toxicity: Harmful by inhalation
Explosion limit Vol%: n.a.
Auto ignition temp. °C: n.a.
ADR/RID
ADR/RID-class: 6.1
UN-no: 1556
IMDG
IMDG -class: 6.1
UN-no: 1556
ICAO/IATA
ICAO/IATA-class: 6.1
UN-no: 1556 – AIR FREIGHT ALLOWED

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

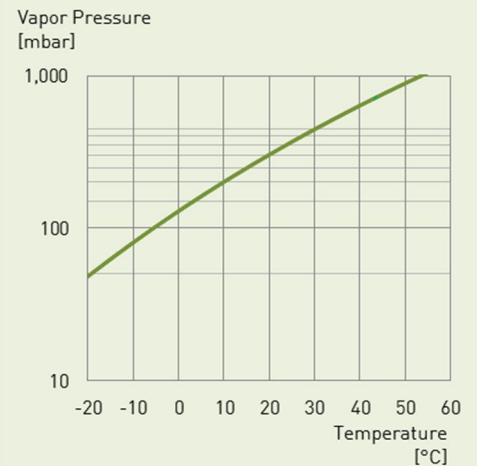
PACKAGING & STANDARD FILLING VOLUMES

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



APPLICATION

III/V MOCVD
Intrinsic Carbon doping for GaAs,

**'DOCK/
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Dockweiler Chemicals GmbH

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

PRODUCT DATASHEET

www.dockchemicals.com