

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Boron precursor for CVD applications

'MO-III/V

BP: 95 °C/203 °F/1013 hPa

'TEB-TRIETHYLBORON

PRODUCT DATASHEET

'TEB-TRIETHYLBORON

IDENTIFICATION

CAS-No: 097-94-9
EINECS/ELINCS-No: 202-620-9
Other name:

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure 20°C: 53 mbar
Density: 0.67 g/cm³
Molweight: 97.99 g/mol
Melting point: -93 °C / -135 °F
Boiling point: 95 °C/203 °F/1013 hPa

CHEMICAL PROPERTIES

Stability: Heating above boiling point
State of matter: Liquid

SAFETY & TRANSPORT

Toxicity: Toxic by inhalation
Explosion limit Vol%: Pyrophoric
Auto ignition temp. °C: n.a.
ADR/RID
ADR/RID-class: 4.2
UN-no: 3392
IMDG
IMDG-class: 4.2
UN-no: 3392
ICAO/IATA
ICAO/IATA-class: 4.2
UN-no: 3392 – AIR FREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

TEB.100.DOCK/10.150 100g / 150ccm cyl.
TEB.240.DOCK/10.400 240g / 400ccm cyl.
TEB.360.DOCK/10.600 360g / 600ccm cyl.
TEB.600.DOCK/10.1000 600g / 1000ccm cyl.
TEB.1800.DOCK/10.3000 1800g / 3000ccm cyl.
TEB.4800.DOCK/100.8000 4800g / 8000ccm cyl.

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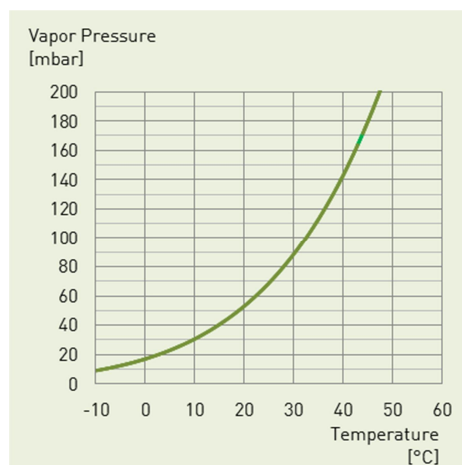
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QUALITY STANDARDS

EG Electronic Grade
NEAT

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD
GaAs, InP-based material system

PRODUCT DATASHEET

www.dockchemicals.com