

TERTIARYBUTYLARSINE

# TBA<sub>s</sub>

 **Product description**

**Name:** TERTIARYBUTYLARSINE

**CAS-Number:** 4262-43-5

**Application:** III/V MOCVD, GaAs, InP-based material system, Si-semiconductors, III/V on Si

**Element:** As

# TERTIARYBUTYLARSINE

## TBA<sub>s</sub>

### Physical Properties

Vapor pressure equat.:  $\log(p(\text{torr})) = 7.6393 - 1625/T(K)$

Density: 1.08 g/cm<sup>3</sup>

Molweight: 133.92 g/mol

Melting point: -1 °C / 32 °F

Boiling point: 68 °C / 154 °F

Sublimation point:

### Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

### Safety & Transport

Toxicity: Toxic by Inhalation

Thermal decomposition:

ADR/RID-class: 4.2

UN-no: 3392

IMDG-class: 4,2

UN-no: 3392

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

TBA<sub>s</sub>.325.DOCK/100.400 325g / 400ccm cyl.

TBA<sub>s</sub>.1100.DOCK/100.1300 1100g / 1300ccm cyl.

TBA<sub>s</sub>.2800.DOCK/100.3150 2800g / 3150ccm cyl.

TBA<sub>s</sub>.2800.DOCK/100.3200 2800g / 3200ccm cyl.

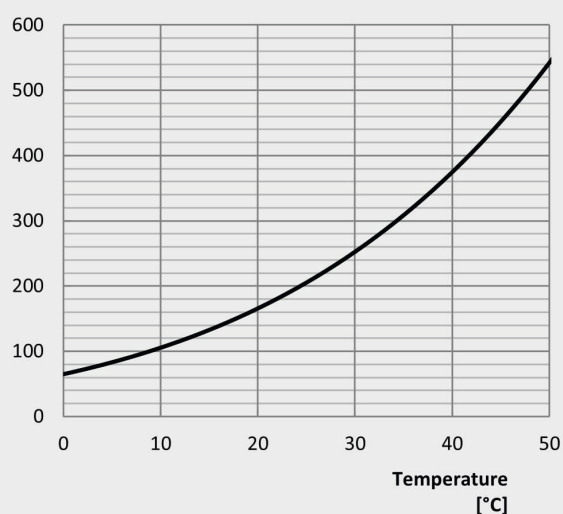
TBA<sub>s</sub>.7500.DOCK/100.8000 7500g / 8000ccm cyl.

### Quality Standards

EPIGRADE<sup>TM</sup>: Batchwise epi-testing

### Vapor Pressure Curve

Vapor Pressure [mbar]



### Application

III/V MOCVD, GaAs, InP-based material system, Si-semiconductors, III/V on Si



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