

DITERTIARYBUTYLSULPHIDE

DTBS

 **Product description**

Name: DITERTIARYBUTYLSULPHIDE

CAS-Number: 107-47-1

Application: III/V MOCVD dopant, II/VI deposition, 2D materials

Element: S

DITERTIARYBUTYLSULPHIDE

DTBS

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 8.01-2152/T(\text{K})$

Density: 0.82 g/cm³

Molweight: 146.3 g/mol

Melting point: n.a.

Boiling point: 148 °C / 298 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Toxic, LC50 > 2000ppm (rat)

Thermal decomposition:

ADR/RID-class: 3

UN-no: 1993

IMDG-class: 3

UN-no: 1993

ICAO/IATA-class: 3

UN-no: 1993 – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

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

DTBS.290.DOCK/10.400 290g / 400ccm cyl.

DTBS.430.DOCK/10.600 430g / 600ccm cyl.

DTBS.700.DOCK/10.1000 700g / 1000ccm cyl.

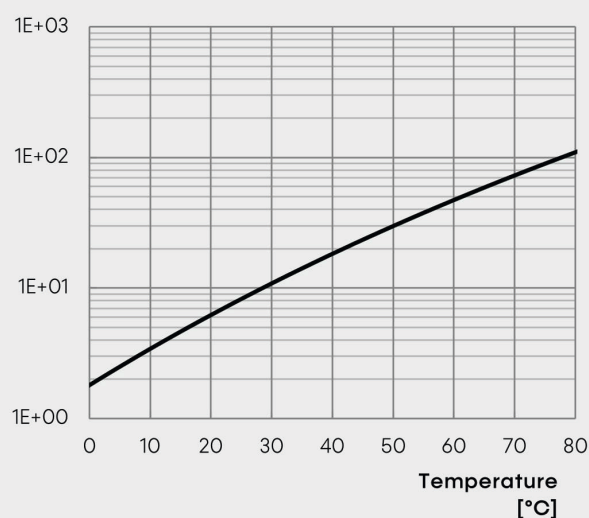
DTBS.2000.DOCK/10.3000 2000g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

III/V MOCVD dopant, II/VI deposition, 2D materials



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