

DTBS

DITERTIARYBUTYLSULPHIDE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 8.01 - 2152/T(\text{K})$
Density:	0.82 g/cm ³
Molweight:	146.3 g/mol
Melting point:	n.a.
Boiling point:	148 °C / 298 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
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.

Product Description

Name:	DITERTIARYBUTYLSULPHIDE
CAS-Number:	107-47-1
Element:	S
Molecular Formula:	C ₈ H ₁₈ S

Quality Standards

EG Electronic Grade

Application

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

Vapor Pressure

Vapor Pressure
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