

BTMSiSe

BIS(TRIMETHYLSILYL)SELENIDE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{mbar})) = 7.32 - (2090/T(K))$ for $T = 20-70\text{ }^\circ\text{C}$
Density:	0.9 g/cm ³
Molweight:	225.35 g/mol
Melting point:	-7 °C / 19 °F
Boiling point:	58 °C / 136 °F (14.67 mbar)
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Toxic, Flammable, May cause damage to organs, Toxic to aquatic life
Thermal decomposition:	
ADR/RID-class:	6.1(3)
UN-no:	2929, PG II
IMDG-class:	6.1(3)
UN-no:	2929, PG II
ICAO/IATA-class:	6.1(3)
UN-no:	2929, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

BTMSiSe.100.DOCK/10.150	100g / 150ccm cyl.
BTMSiSe.300.DOCK/10.400	300g / 400ccm cyl.
BTMSiSe.500.DOCK/10.600	500g / 600ccm cyl.
BTMSiSe.750.DOCK/10.1000	750g / 1000ccm cyl
BTMSiSe.2500.DOCK/10.3000	2500g / 3000ccm cyl.

Product Description

Name:	BIS(TRIMETHYLSILYL)SELENIDE
CAS-Number:	4099-46-1
Element:	Se
Molecular Formula:	C ₆ H ₁₈ Si ₂ Se

Quality Standards

DG Development Grade

Application

CVD, ALD

Vapor Pressure

Vapor Pressure [mbar]

