

TBTDEATa

(TERT-BUTYLIMIDO)TRIS(DIETHYLAMIDO)TANTALUM

Physical Properties

Vapor pressure equat.:	n.a.
Density:	1.252 g/cm ³
Molweight:	468.46 g/mol
Melting point:	n.a.
Boiling point:	95 °C / 203 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Flammable, Water-reactive, Skin/eye corrosion
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3398, PG II
IMDG-class:	4.3
UN-no:	3398, PG II
ICAO/IATA-class:	4.3
UN-no:	3398, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TBTDEATa.100.DOCK/10.150	100g / 150ccm cyl.
TBTDEATa.400.DOCK/10.400	400g / 400ccm cyl.
TBTDEATa.600.DOCK/10.600	600g / 600ccm cyl.
TBTDEATa.1000.DOCK/10.1000	1000g / 1000ccm cyl.
TBTDEATa.3000.DOCK/10.3000	3000g / 3000ccm cyl.

Product Description

Name:	(TERT-BUTYLIMIDO)TRIS(DIETHYLAMIDO)TANTALUM
CAS-Number:	169896-41-7
Element:	Ta
Molecular Formula:	C ₁₆ H ₃₉ N ₄ Ta

Quality Standards

EG Electronic Grade

Application

ALD and CVD precursor

Vapor Pressure

