

TANTALUM(V)-ETHOXIDE

# TaEtO

 Product description

**Name:** TANTALUM(V)-ETHOXIDE  
**CAS-Number:** 6074-84-6

**Application:** TaN CVD and ALD

**Element:** Ta

# TANTALUM(V)-ETHOXIDE

## TaEtO

### Physical Properties

Vapor pressure equat.:	10.67 mbar at 20 °C
Density:	1.556 g/cm <sup>3</sup>
Molweight:	406.26 g/mol
Melting point:	21 °C / 70 °F
Boiling point:	155 °C / 311 °F (0.013 mbar)
Sublimation point:	

### Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

### Safety & Transport

Toxicity:	Corrosive, Flammable
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1993, PG II
IMDG-class:	3
UN-no:	1993, PG II
ICAO/IATA-class:	3
UN-no:	1993, PG III – AIRFREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

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

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

### Application

TaN CVD and ALD



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