

(MCp)PtMe₃

(TRIMETHYL)METHYLCYCLOPENTADIENYLPLATINUM

Physical Properties

Vapor pressure equat.:	$\ln(p(\text{Torr})) = 15.3 - 5240/T(K)$ for T = 30-60 °C
Density:	1.88 g/cm ³
Molweight:	319.3 g/mol
Melting point:	29-30 °C / 79-84 °F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Toxic, Toxic to aquatic life, May cause allergic skin reaction
Thermal decomposition:	
ADR/RID-class:	6.1
UN-no:	3467, PG I
IMDG-class:	6.1
UN-no:	3467, PG I
ICAO/IATA-class:	6.1
UN-no:	3467, PG I – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

Me ₃ MeCpPt.100.DOCK/10.150	100g / 150ccm cyl.
Me ₃ MeCpPt.200.DOCK/10.400	200g / 400ccm cyl.
Me ₃ MeCpPt.500.DOCK/10.400	500g / 400ccm cyl.
Me ₃ MeCpPt.800.DOCK/10.600	800g / 800ccm cyl.

Product Description

Name:	(TRIMETHYL)METHYLCYCLOPENTADIENYLPLATINUM
CAS-Number:	94442-22-5
Element:	Pt
Molecular Formula:	C ₅ H ₆ Pt

Quality Standards

EG Electronic Grade

Application

Pt precursor for CVD and ALD

Vapor Pressure

Vapor Pressure [mbar]

