

BIS(METHYLCYCLOPENTADIENYL)MANGANESE

**(MCp)<sub>2</sub>Mn**

 **Product description**

**Name:** BIS(METHYLCYCLOPENTADIENYL)MANGANESE

**CAS-Number:** 32985-17-4

**Application:** Dilute magnetic semiconductors, spintronics

**Element:** Mn

# BIS(METHYLCYCLOPENTADIENYL)MANGANESE

## (MCp)<sub>2</sub>Mn

### Physical Properties

Vapor pressure equat.:	n.a.
Density:	ca. 1.2 g/cm <sup>3</sup>
Molweight:	213.18 g/mol
Melting point:	62 °C / 144 °F
Boiling point:	85 °C / 185 °F (1.33 mbar)
Sublimation point:	

### Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

### Safety & Transport

Toxicity:	Flammable
Thermal decomposition:	
ADR/RID-class:	4.1
UN-no:	1325, PG II
IMDG-class:	4.1
UN-no:	1325, PG II
ICAO/IATA-class:	4.1
UN-no:	1325, PG II – AIRFREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

(MCp) <sub>2</sub> Mn.100.DOCK/10.150	100g / 150ccm cyl.
(MCp) <sub>2</sub> Mn..400.DOCK/10.400	400g / 400ccm cyl
(MCp) <sub>2</sub> Mn..600.DOCK/10.600	600g / 600ccm cyl.
(MCp) <sub>2</sub> Mn..1000.DOCK/10.1000	1000g / 1000ccm cyl
(MCp) <sub>2</sub> Mn..3000.DOCK/10.3000	3000g / 3000ccm cyl.

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

### Application

Dilute magnetic semiconductors, spintronics



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