

BIS(METHYLCYCLOPENTADIENYL)MAGNESIUM

(MCp)₂Mg

 **Product description**

Name: BIS(METHYLCYCLOPENTADIENYL)MAGNESIUM
CAS-Number: 40672-08-0

Application: p-type dopant for III/V MOCVD

Element: Mg

BIS(METHYLCYCLOPENTADIENYL)MAGNESIUM

(MCp)₂Mg

Physical Properties

Vapor pressure equat.:	0.33 mbar at 25 °C
Density:	n.a.
Molweight:	182.54 g/mol
Melting point:	<20 °C / <68 °F
Boiling point:	70 °C / 158 °F (1.33 mbar)
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.2(4.3)
UN-no:	3394, PG I
IMDG-class:	4.2(4.3)
UN-no:	3394, PG I
ICAO/IATA-class:	4.2(4.3)
UN-no:	3394, PG I – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

MCp ₂ Mg.50.DOCK/10.150	50g / 150ccm cyl.
MCp ₂ Mg.100.DOCK/10.150	100g / 150ccm cyl.
MCp ₂ Mg.200.DOCK/10.400	200g / 400ccm cyl.
MCp ₂ Mg.400.DOCK/10.600	400g / 600ccm cyl.
MCp ₂ Mg.600.DOCK/10.1000	600g / 1000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

p-type dopant for III/V MOCVD



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

dockchemicals.com