

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Aluminum precursor for MOCVD & ALD

DMAlip- DIMETHYLALUMINUM ISOPROPOXIDE

MO-CVD

BP: 186 °C / 366.8 °F (1013 hPa)

PRODUCT DATASHEET

'DMAIIP- DIMETHYLALUMINIUM ISOPROPOXIDE

IDENTIFICATION

CAS-No:	6063-89-4
EC-No:	633-141-7
Other name:	Aluminum Dimethyl Isopropoxide

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	10 Torr (70 °C)
Density:	0.824 g/cm ³
Molweight:	116.13 g/mol
Melting point:	<0 °C / <32 °F
Boiling point:	186 °C / 366.8 °F (1013 mbar)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Flammable
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3(3)
UN-no:	3399, PG II
IMDG	
IMDG -class:	4.3(3)
UN-no:	3399, PG II
ICAO/IATA	
ICAO/IATA-class:	4.3(3)
UN-no:	3399, PG II – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

DMAIIP.100.DOCK/10.150	100g / 150ccm cyl.
DMAIIP.250.DOCK/10.400	250g / 400ccm cyl.
DMAIIP.400.DOCK/10.600	400g / 600ccm cyl.
DMAIIP.750.DOCK/10.1000	750g / 1000ccm cyl.
DMAIIP.2000.DOCK/10.3000	2000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

MOCVD, ALD

**'DOCK/
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PRODUCT DATASHEET

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