

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Iodine precursor for MOCVD

MOCVD

BP: 42 °C / 108 °F (1013 hPa)

MI- METHYLIODIDE

PRODUCT DATASHEET

'MI- METHYL IODIDE

IDENTIFICATION

CAS-No:	74-88-4
EC-No:	200-819-5
Other name:	Iodomethane

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	54.4 kPa (20 °C)
Density:	2.28 g/cm ³
Molweight:	141.94 g/mol
Melting point:	-66 °C / -87 °F
Boiling point:	42 °C / 108 °F (1013 mbar)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Toxic by Inhalation and Swallowing
Explosion limit Vol%:	8.5% - 66%
Auto ignition temp. °C:	355 °C
ADR/RID	
ADR/RID-class:	6.1
UN-no:	2644, PG I
IMDG	
IMDG -class:	6.1
UN-no:	2644, PG I
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	2644, PG I – AIRFREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

MI.100.DOCK/10.150	100g / 150ccm cyl.
MI.250.DOCK/10.250	250g / 150ccm cyl.
MI.600.DOCK/10.400	600g / 400ccm cyl.
MI.2000.DOCK/10.1000	2000g / 1000ccm cyl.
MI.6000.DOCK/10.3000	6000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

II/VI MOCVD

**'DOCK/
CHEMICALS**

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PRODUCT DATASHEET

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