

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Ge-Precursor as dopant for III/V MOVPE

'MO-III/V

BP: 66 °C/151 °F

'IBGe-ISOBUTYLGERMANE

PRODUCT DATASHEET

'IBGe-ISOBUTYLGERMANE

IDENTIFICATION

CAS-No: 768403-89-0
EINECS/ELINCS-No: not registered
Other name:

'MO-III/W

PHYSICAL PROPERTIES

Vapor pressure: 207 mbar at 25 °C
Density: 0.96 g/cm³
Molweight: 132.73 g/mol
Melting point: <-78 °C/-108 °F
Boiling point: 66 °C/151 °F

CHEMICAL PROPERTIES

Stability: Stable at temperatures not exceeding 25°C for up to one year
State of matter: Liquid

SAFETY & TRANSPORT

Toxicity: No data available
Explosion limit Vol%: n.a.
Auto ignition temp.: n.a.
ADR/RID
ADR/RID-class: 3
UN-no: 1993
IMDG
IMDG -class: 3
UN-no: 1993
ICAO/IATA
ICAO/IATA-class: 3
UN-no: 1993 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

IBGe.100.DOCK/10.150 100g / 150ccm cyl.
IBGe.350.DOCK/10.400 350g / 400ccm cyl.
IBGe.900.DOCK/10.1000 900g / 1000ccm cyl.
IBGe.2600.DOCK/10.3000 2600g / 3000ccm cyl.
IBGe.3400.DOCK/10.3950 3400g / 3950ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

CVD of Germanium containing material systems

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PRODUCT DATASHEET

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