

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Iodine precursor for MOCVD

'MO-CVD

BP: 120 °C / 248 °F (1013 hPa)

'IBI- ISOBUTYL IODIDE

PRODUCT DATASHEET

# IBI- ISOBUTYLIODIDE

## IDENTIFICATION

<b>CAS-No:</b>	513-38-2
<b>EC-No:</b>	208-160-5
<b>Other name:</b>	1-Iodo-2-methyl-propane

MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	27 hPa (20 °C)
<b>Density:</b>	1.59 g/cm <sup>3</sup>
<b>Molweight:</b>	184.02 g/mol
<b>Melting point:</b>	-93 °C / -135 °F
<b>Boiling point:</b>	120 °C / 248 °F (1013 mbar)

## CHEMICAL PROPERTIES

<b>Stability:</b>	Stable under inert gas
<b>State of matter:</b>	Liquid

## SAFETY & TRANSPORT

<b>Toxicity:</b>	Flammable
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	3
<b>UN-no:</b>	2391, PG II
IMDG	
<b>IMDG -class:</b>	3
<b>UN-no:</b>	2391, PG II
ICAO/IATA	
<b>ICAO/IATA-class:</b>	3
<b>UN-no:</b>	2391, PG II – AIRFREIGHT ALLOWED

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>IBI.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>IBI.200.DOCK/10.150</b>	200g / 150ccm cyl.
<b>IBI.500.DOCK/10.400</b>	500g / 400ccm cyl.
<b>IBI.800.DOCK/10.600</b>	800g / 600ccm cyl.
<b>IBI.4000.DOCK/10.3000</b>	4000g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

II/VI MOCVD

**DOCK/  
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PRODUCT DATASHEET

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