

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Iodine precursor for MOCVD

'MO-CVD

BP: 71 °C / 160 °F (1013 hPa)

'EI- ETHYLIODIDE

PRODUCT DATASHEET

# EI- ETHYLIODIDE

## IDENTIFICATION

<b>CAS-No:</b>	75-03-6
<b>EC-No:</b>	200-833-1
<b>Other name:</b>	Iodoethane

MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	145 mbar (20 °C)
<b>Density:</b>	1.94 g/cm <sup>3</sup>
<b>Molweight:</b>	155.97 g/mol
<b>Melting point:</b>	-108 °C / -162 °F
<b>Boiling point:</b>	71 °C / 160 °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>	1993, PG III
IMDG	
<b>IMDG -class:</b>	3
<b>UN-no:</b>	1993, PG III
ICAO/IATA	
<b>ICAO/IATA-class:</b>	3
<b>UN-no:</b>	1993, PG III – AIRFREIGHT ALLOWED

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>EI.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>EI.200.DOCK/10.150</b>	200g / 150ccm cyl.
<b>EI.500.DOCK/10.400</b>	500g / 400ccm cyl.
<b>EI.1000.DOCK/10.600</b>	1000g / 600ccm cyl.
<b>EI.5000.DOCK/10.3000</b>	5000g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

II/VI MOCVD

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