

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Arsenic precursor for MOCVD

'TEOAs- TRIETHOXYARSINE

PRODUCT DATASHEET

'MO-CVD

BP: 162 °C / 323.6 °F (1013 hPa)

# 'TEOAs- TRIETHOXYARSINE

## IDENTIFICATION

<b>CAS-No:</b>	3141-12-06
<b>EC-No:</b>	221-543-1
<b>Other name:</b>	Arsenic triethoxide

'MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	0.063 Torr (25 °C)
<b>Density:</b>	1.224 g/cm <sup>3</sup>
<b>Molweight:</b>	210.10 g/mol
<b>Melting point:</b>	<0 °C / <32 °F
<b>Boiling point:</b>	162 °C / 323.6 °F (1013 mbar)

## CHEMICAL PROPERTIES

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

## SAFETY & TRANSPORT

<b>Toxicity:</b>	Toxic by Inhalation / Swallowing
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	3(6.1)
<b>UN-no:</b>	1992, PG III
IMDG	
<b>IMDG -class:</b>	3(6.1)
<b>UN-no:</b>	1992, PG III
ICAO/IATA	
<b>ICAO/IATA-class:</b>	3(6.1)
<b>UN-no:</b>	1992, PG III – AIRFREIGHT ALLOWED

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>TEOAs.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>TEOAs.400.DOCK/10.400</b>	400g / 400ccm cyl.
<b>TEOAs.600.DOCK/10.600</b>	600g / 600ccm cyl.
<b>TEOAs.1000.DOCK/10.1000</b>	1000g / 1000ccm cyl.
<b>TEOAs.3000.DOCK/10.3000</b>	3000g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

MOCVD precursor

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**PRODUCT DATASHEET**

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