

# DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Arsenic precursor MOCVD

MO-CVD

BP: 55 °C / 131 °F (10 Torr)

TDMAAs- TRIS(DIMETHYLAMINO)ARSINE

PRODUCT DATASHEET

# 'TDMAAs- TRIS(DIMETHYLAMINO)ARSINE

## IDENTIFICATION

<b>CAS-No:</b>	6596-96-9
<b>EC-No:</b>	694-740-7
<b>Other name:</b>	-

'MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	ca. 1 Torr (20 °C)
<b>Density:</b>	1.125 g/cm <sup>3</sup>
<b>Molweight:</b>	207.15 g/mol
<b>Melting point:</b>	-53 °C / -63.4 °F
<b>Boiling point:</b>	55 °C / 131 °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; Corrosive
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	6.1
<b>UN-no:</b>	1556, PG II
IMDG	
<b>IMDG -class:</b>	6.1
<b>UN-no:</b>	1556, PG II
ICAO/IATA	
<b>ICAO/IATA-class:</b>	6.1
<b>UN-no:</b>	1556, PG II – AIRFREIGHT ALLOWED

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

## PACKAGING & STANDARD FILLING VOLUMES

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

## QUALITY STANDARDS

<b>EG</b>	Electronic Grade
<b>PG</b>	Pure Grade

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

III/V MOCVD, II/VI dopant

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