

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Tin precursor for MOVPE

'MO-III/V

BP: 54 °C/129 °F/0.1 Torr

'TDMASn – TETRAKIS(DIMETHYLAMINO)TIN

PRODUCT DATASHEET

# 'TDMASn – TETRAKIS(DIMETHYLAMINO)TIN

## IDENTIFICATION

<b>CAS-No:</b>	1066-77-9
<b>EC-No:</b>	625-403-4
<b>Other name:</b>	-

'MO-III/V

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	0.2 Torr at 300 K
<b>Density:</b>	1.160 g/cm <sup>3</sup>
<b>Molweight:</b>	295.01 g/mol
<b>Melting point:</b>	n.a.
<b>Boiling point:</b>	54 °C / 129 °F at 0.1 Torr

## QUALITY STANDARDS

**EG** Electronic Grade

## VAPOR PRESSURE CURVE

n.a.

## CHEMICAL PROPERTIES

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

## SAFETY & TRANSPORT

<b>Toxicity:</b>	Corrosive, Inflammable
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	3(8)
<b>UN-no:</b>	2924 PG II
IMDG	
<b>IMDG -class:</b>	3(8)
<b>UN-no:</b>	2924 PG II
ICAO/IATA	
<b>ICAO/IATA-class:</b>	3(8)
<b>UN-no:</b>	2924 PG II – AIR FREIGHT ALLOWED

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

## APPLICATION

III/V MOCVD, ALD

## PACKAGING & STANDARD FILLING VOLUMES

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

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