

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Low Temperature decomposing Sb-Precursor  
for MOVPE and ALD

'MO-III/V

BP: 33 °C/91.4 °F/1013 hPa

'TDMASb-TRISDIMETHYLAMIDOANTIMONY

PRODUCT DATASHEET

# 'TDMASb-TRISDIMETHYLAMIDOANTIMONY

## IDENTIFICATION

<b>CAS-No:</b>	7289-92-1
<b>EINECS/ELINCS-No:</b>	n.r.
<b>Other name:</b>	none

'MO-III/W

## PHYSICAL PROPERTIES

<b>Vapor pressure equat.:</b>	$\ln p(\text{Pa}) = 23 - 4893 / (T(\text{K}) - 34)$
<b>Density:</b>	1.325 g/cm <sup>3</sup>
<b>Molweight:</b>	254 g/mol
<b>Melting point:</b>	n.a.
<b>Boiling point:</b>	33 °C / 91.4 °F

## CHEMICAL PROPERTIES

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

## SAFETY & TRANSPORT

<b>Toxicity:</b>	Harmful if swallowed, harmful by inhalation
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
<b>ADR/RID</b>	
<b>ADR/RID-class:</b>	4.3
<b>UN-no:</b>	3398
<b>IMDG</b>	
<b>IMDG-class:</b>	4.3
<b>UN-no:</b>	3398
<b>ICAO/IATA</b>	
<b>ICAO/IATA-class:</b>	4.3
<b>UN-no:</b>	3398 – up to 1l CARGO AIRFREIGHT ALLOWED

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

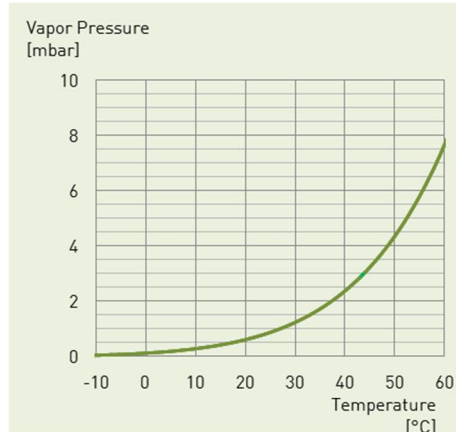
## PACKAGING & STANDARD FILLING VOLUMES

<b>TDMASb.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>TDMASb.175.DOCK/10.150</b>	175g / 150ccm cyl.
<b>TDMASb.450.DOCK/10.400</b>	450g / 400ccm cyl.
<b>TDMASb.1100.DOCK/10.1000</b>	1100g / 1000ccm cyl.
<b>TDMASb.3500.DOCK/10.3000</b>	3500g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE



## APPLICATION

Sb – Precursor for MOVPE and ALD

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## Dockweiler Chemicals GmbH

Emil-von-Behring-Strasse 76 35041 Marburg Germany  
T +49 6421 396 -380 | F +49 6421 396 -381  
sales@dockchemicals.com

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www.dockchemicals.com