

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

$C_6H_{18}N_3Sb$

Low Temperature decomposing Sb-Precursor
for MOVPE and ALD

BP: 33 °C/91.4 °F/1013 hPa

'TDMASb-TRISDIMETHYLAMIDOANTIMONY

PRODUCT DATASHEET

'MO-III/V

'TDMASb-TRISDIMETHYLAMIDOANTIMONY

IDENTIFICATION

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

'MO-III/V

PHYSICAL PROPERTIES

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

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Harmful if swallowed, harmful by inhalation
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.

ADR/RID

ADR/RID-class:	4.3
UN-no:	3398

IMDG

IMDG-class:	4.3
UN-no:	3398

ICAO/IATA

ICAO/IATA-class:	4.3
UN-no:	3398 – AIRFREIGHT FORBIDDEN

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

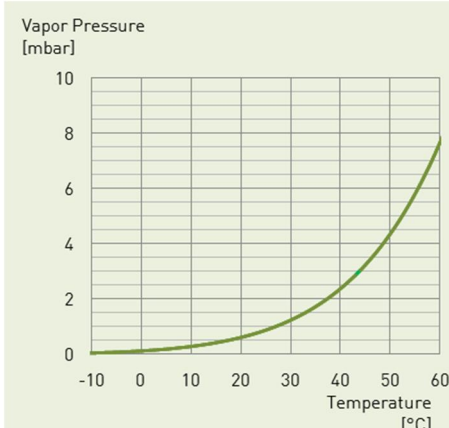
PACKAGING & STANDARD FILLING VOLUMES

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

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

Sb – Precursor for MOVPE and ALD

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PRODUCT DATASHEET

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