

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Low Temperature decomposing Sb-Precursor
for MOVPE

'MO-III/V

BP: 161 °C/321.8 °F/1013 hPa

'TESb-TRIETHYLANTIMONY

PRODUCT DATASHEET

'TESb-TRIETHYLANTIMONY

IDENTIFICATION

CAS-No:	617-85-6
EINECS/ELINCS-No:	210-534-8
Other name:	none

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 7.904 - 2183/T(\text{K})$
Density:	1.32 g/cm ³
Molweight:	208.9 g/mol
Melting point:	-29 °C / -20.2 °F
Boiling point:	161 °C / 321.8 °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:	Pyrophoric
ADR/RID	
ADR/RID-class:	4.2
UN-no:	3392
IMDG	
IMDG -class:	4.2
UN-no:	3392
ICAO/IATA	
ICAO/IATA-class:	4.2
UN-no:	3392 – AIRFREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

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

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

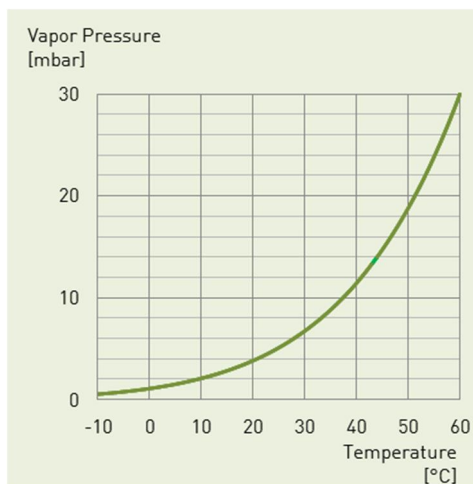
Dockweiler Chemicals GmbH

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

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

Sb – Precursor for MOCVD

PRODUCT DATASHEET

www.dockchemicals.com