

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Liquid Tin-Precursor for Chemical
Vapor Deposition

'MO-CVD

BP: 74 °C / 165 °F

'TMSn- TETRAMETHYLTIN

PRODUCT DATASHEET

'TMS_n- TETRAMETHYL TIN

IDENTIFICATION

CAS-No:	594-27-4
EC-No:	209-833-6
Other name:	none

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure :	90 Torr @ 20 °C
Density:	1.291 g/cm ³
Molweight:	178.85 g/mol
Melting point:	-54 °C
Boiling point:	74-75 °C / 165-167 °F

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Acute toxicity not classified
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	6.1
UN-no:	3384 – DEDICATED TRANSPORT
IMDG	
IMDG -class:	6.1
UN-no:	3384 – DEDICATED TRANSPORT
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	3384 – AIRFREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

TMS_n.100.DOCK/10.150	100g / 150ccm cyl.
TMS_n.450.DOCK/10.400	450g / 400ccm cyl.
TMS_n.1100.DOCK/10.1000	1100g / 1000ccm cyl.
TMS_n.3400.DOCK/10.3000	3400g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

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PRODUCT DATASHEET

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