

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Silicon Precursor for CVD and ALD application processes

'MO-CVD

BP: 145-148 °C / 293-298 °F

'TDMASi-TRIS(DIMETHYLAMINO)SILANE

PRODUCT DATASHEET

'TDMASi-TRIS(DIMETHYLAMINO)SILANE

Identification

CAS-No:	15112-89-7
EC-No:	239-165-0
EG-Index-No.:	n.r.
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	7 Torr @ 20 °C; 13 Torr @ 36 °C; 16 Torr @ 40 °C
Relative Density:	0.84 g/cm ³
Molweight:	161.32 g/mol
Melting point:	-90 °C / -130 °F
Boiling point :	145-148 °C / 293-298 °F

CHEMICAL PROPERTIES

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
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 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TDMASi.100.DOCK/10.150	100g / 150ccm cyl.
TDMASi.290.DOCK/10.400	290g / 400ccm cyl.
TDMASi.425.DOCK/10.600	425g / 600ccm cyl.
TDMASi.725.DOCK/10.1000	725g / 1000ccm cyl.
TDMASi.2100.DOCK/10.3000	2100g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

ALD and CVD precursor

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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

PRODUCT DATASHEET

www.dockchemicals.com