

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Nitrogen precursor for CVD

MO-CVD

BP: 89 °C / 192 °F (1013 hPa)

TEN- TRIETHYLAMINE

PRODUCT DATASHEET

TEN- TRIETHYLAMINE

IDENTIFICATION

CAS-No:	121-44-8
EC-No:	204-469-4
Other name:	-

MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	69.6 hPa (20 °C)
Density:	0.7255 g/cm ³
Molweight:	101.193 g/mol
Melting point:	-114 °C / -174 °F
Boiling point:	89 °C / 192 °F (1013 hPa)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Toxic by Skin Contact & Inhalation, Corrosive, Flammable
Explosion limit Vol%:	1.2-8.0 Vol.-%
Auto ignition temp. °C:	215 °C
ADR/RID	
ADR/RID-class:	3(8)
UN-no:	1296, PG II
IMDG	
IMDG -class:	3(8)
UN-no:	1296, PG II
ICAO/IATA	
ICAO/IATA-class:	3(8)
UN-no:	1296, PG II – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TEN.100.DOCK/10.150	100g / 150ccm cyl.
TEN.200.DOCK/10.400	200g / 400ccm cyl.
TEN.300.DOCK/10.600	300g / 600ccm cyl.
TEN.600.DOCK/10.1000	600g / 1000ccm cyl.
TEN.1500.DOCK/10.3000	1500g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

CVD, carbon doping

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PRODUCT DATASHEET

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