

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

C₄H₁₀O

Oxygen precursor for oxide CVD processes

'MO-CVD

BP: 81 °C/178 °F/1013 hPa

'TBOH-TERTIARYBUTANOL

PRODUCT DATASHEET

TBOH-TERTIARYBUTANOL

IDENTIFICATION

CAS-No:	75-65-0
EINECS/ELINCS-No:	200-889-7
EG-Index-No.:	603-005-00-1
Other name:	2-Methylpropan-2-ol

MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	40.7 hPa at 20 °C
Density:	0.78 g/cm ³
Molweight:	74.12 g/mol
Melting point:	24 °C / 75 °F
Boiling point:	81 °C / 178 °F

CHEMICAL PROPERTIES

Stability:	Stable under recommended storing conditions
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	2.4-8 %
Auto ignition temp. °C:	490 °C / 914 °C
ADR/RID	
ADR/RID-class:	3
UN-no:	1120
IMDG	
IMDG -class:	3
UN-no:	1120
ICAO/IATA	
ICAO/IATA-class:	3
UN-no:	1120 – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TBOH.100.DOCK/10.150	100g / 150ccm cyl.
TBOH.280.DOCK/10.400	280g / 400ccm cyl.
TBOH.420.DOCK/10.600	420g / 600ccm cyl.
TBOH.700.DOCK/10.1000	700g / 1000ccm cyl.
TBOH.2100.DOCK/10.3000	2100g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Oxygen precursor for oxide deposition and oxygen doping

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PRODUCT DATASHEET

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