

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Liquid silicon-precursor for CVD applications

'MO-CVD

BP: 168 °C /334 °F/1013 hPa

'TEOS- TETRAETHYLORTHOSILICATE

PRODUCT DATASHEET

# 'TEOS- TETRAETHYLORTHOSILICATE

## IDENTIFICATION

<b>CAS-No:</b>	78-10-4
<b>EINECS/ELINCS-No:</b>	201-083-8/014-005-00-0
<b>Other name:</b>	none

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	9.21 hPa @ 20 °C
<b>Density:</b>	0.93 g/cm <sup>3</sup>
<b>Molweight:</b>	208.32 g/mol
<b>Melting point:</b>	-77 °C / -107 °F
<b>Boiling point:</b>	168 °C / 334 °F

## CHEMICAL PROPERTIES

<b>Stability:</b>	Stable under inert gas
<b>State of matter:</b>	Liquid

## SAFETY & TRANSPORT

<b>Toxicity:</b>	n.a.
<b>Explosion limit Vol%:</b>	n.a.
<b>Auto ignition temp. °C:</b>	n.a.
ADR/RID	
<b>ADR/RID-class:</b>	3, PG III
<b>UN-no:</b>	1292
IMDG	
<b>IMDG -class:</b>	3, PG III
<b>UN-no:</b>	1292
ICAO/IATA	
<b>ICAO/IATA-class:</b>	3, PG III
<b>UN-no:</b>	1292

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>TEOS.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>TEOS.300.DOCK/10.400</b>	300g / 400ccm cyl.
<b>TEOS.800DOCK/10.1000</b>	800g / 1000ccm cyl.
<b>TEOS.2500.DOCK/10.3000</b>	2500g / 3000ccm cyl.

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## Dockweiler Chemicals GmbH

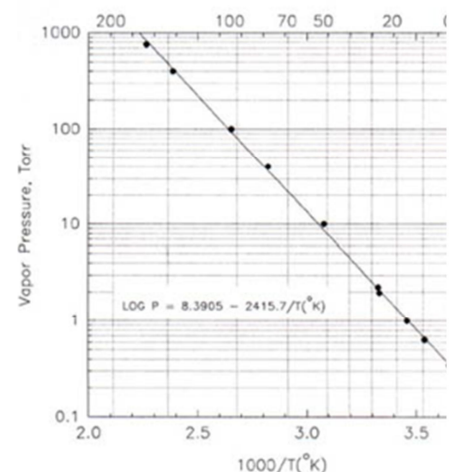
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## QUALITY STANDARDS

<b>EG</b>	<b>Electronic Grade</b>
<b>PG</b>	<b>Pure Grade</b>

## VAPOR PRESSURE CURVE



## APPLICATION

Si precursor for SiO<sub>2</sub> deposition

## PRODUCT DATASHEET

www.dockchemicals.com