

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

TBOK

Potassium precursor for CVD and ALD applications

'MO-CVD

MP: 256-258 °C/493-496 °F

'TBOK-POTASSIUMTERTBUTOXIDE

PRODUCT DATASHEET

'TBOK-POTASSIUMTERTBUTOXIDE

IDENTIFICATION

CAS-No:	865-47-4
EINECS/ELINCS-No:	212-740-3
Other name:	Potassium-tert-butanolate

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	0.02 hPa at 20 °C
Relative Density:	1.19 g/cm ³ at 20 °C
Molweight:	112.21 g/mol
Melting point:	256-258 °C/493-496 °F
Boiling point:	n.a.

CHEMICAL PROPERTIES

Stability:	Stable under recommended conditions
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp:	483 °C
ADR/RID	
ADR/RID-class:	4.2 (8), II
UN-no:	3206
IMDG	
IMDG-class:	4.2 (8), II
UN-no:	3206
ICAO/IATA	
ICAO/IATA-class:	4.2 (8), II
UN-no:	3206 – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TBOK.100.DOCK/10.150	100g / 150ccm cyl.
TBOK.200.DOCK/10.400	200g / 400ccm cyl.
TBOK.400.DOCK/10.600	400g / 600ccm cyl.
TBOK.750.DOCK/10.1000	750g / 1000ccm cyl.
TBOK.2000.DOCK/10.3000	2000g / 3000ccm cyl.

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Potassium precursor for CVD and ALD applications

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

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