

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Zirconium precursor for CVD and ALD processes

BP: 81 °C / 178 °F / 0.1 hPa

'TEMAZr - TETRAKIS-ETHYLMETHYLAMIDO-ZIRCONIUM

PRODUCT DATASHEET

'MO-III/V

'TEMAZr - TETRAKIS-ETHYLMETHYLAMIDO-ZIRCONIUM

IDENTIFICATION

CAS-No:	175923-04-3
EINECS/ELINCS-No:	not registered
Other names:	none

'MO-III/W

PHYSICAL PROPERTIES

Vapor pressure:	1 Torr @ 70 °C
Density:	1.049 g/cm ³
Molweight:	323.63 g/mol
Melting point:	n.a.
Boiling point:	81 °C / 178 °F (0,1 hPa)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	Toxic if swallowed
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.

ADR/RID

ADR/RID-class:	4.3 [3]
UN-no:	3399

IMDG

IMDG -class:	4.3 [3]
UN-no:	3399

ICAO/IATA

ICAO/IATA-class:	4.3 [3]
UN-no:	3399

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

PACKAGING & STANDARD FILLING VOLUMES

TEMAZr.100.DOCK/10.150	100g / 150ccm cyl.
TEMAZr.200.DOCK/10.400	200g / 400ccm cyl.
TEMAZr.400.DOCK/10.600	400g / 600ccm cyl.
TEMAZr.750.DOCK/10.1000	750g / 1000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Tetrakisethylmethylamidozirconium (TEMAZr) is a solid chemical source suitable for the chemical vapor deposition of Zirconium Oxide.

**'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