

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

C₆H₁₅AlO

Al and O precursor for special
applications

'MO-III/V

BP: 108 °C / 226.4 °F

'DEALO-DIETHYLALUMINIUMETOXIDE

PRODUCT DATASHEET

'DEALO-DIETHYLALUMINIUM

Identification

CAS-No:	1586-92-1
EC-No:	n.r.
EG-Index-No.:	216-447-1
Other name:	-

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure:	7 hPa at 94 °C
Density:	0.862 g/cm ³ at 25 °C
Molweight g/mol:	130.1
Melting point:	2.5-4.5 °C/36.5-40.1 °F
Boiling point:	108-109 °C/226.4-228.2 °F at 13 hPa

CHEMICAL PROPERTIES

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	Pyrophoric
Auto ignition temp. °C:	Pyrophoric
ADR/RID	
ADR/RID-class:	4.2
UN-no:	3394
IMDG	
IMDG -class:	4.2
UN-no:	3394
ICAO/IATA	
ICAO/IATA-class:	4.2
UN-no:	3394 – AIR FREIGHT FORBIDDEN

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

PACKAGING & STANDARD FILLING VOLUMES

DEALO.100.DOCK/10.150	100g / 150ccm cyl.
DEALO.250.DOCK/10.400	250g / 400ccm cyl.
DEALO.400.DOCK/10.600	400g / 600ccm cyl.
DEALO.750.DOCK/10.1000	700g / 1000ccm cyl.
DEALO.2000.DOCK/10.3000	2000g / 3000ccm cyl.
DEALO.5000.DOCK/100.8000	5000g / 8000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

III/V MOCVD, oxygen dopant for AlGaInP structures

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