

DIMETHYLETHYLAMINE ALANE ADDUCT

DMEAAI

 **Product description**

Name: DIMETHYLETHYLAMINE ALANE ADDUCT
CAS-Number: 124330-23-0

Application: III/V MOCVD, ALD

Element: Al

DIMETHYLETHYLAMINE ALANE ADDUCT

DMEAAI

Physical Properties

Vapor pressure equat.:	2.0 mbar at 25 °C
Density:	0.837 g/cm ³
Molweight:	103.14 g/mol
Melting point:	5 °C / 41 °F
Boiling point:	50 °C / 122 °F (0.067 mbar)
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

Safety & Transport

Toxicity:	Pyrophoric
Thermal decomposition:	
ADR/RID-class:	4.2(4.3)
UN-no:	3394, PG I
IMDG-class:	4.2(4.3)
UN-no:	3394, PG I
ICAO/IATA-class:	4.2(4.3)
UN-no:	3394, PG I – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

DMEAAI.100.DOCK/10.150	100g / 150ccm cyl.
DMEAAI.250.DOCK/10.400	250g / 400ccm cyl.
DMEAAI.400.DOCK/10.600	400g / 600ccm cyl.
DMEAAI.750.DOCK/10.1000	750g / 1000ccm cyl
DMEAAI.2000.DOCK/10.3000	2000g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

III/V MOCVD, ALD



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