

DIMETHYLALUMINUMHYDRIDE

DMAIH

 **Product description**

Name: DIMETHYLALUMINUMHYDRIDE

CAS-Number: 865-37-2

Application: IMOCVD

Element: Al

DIMETHYLALUMINUMHYDRIDE

DMAIH

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 8.92 - 2575/T(\text{K})$

Density: 0.75 g/cm³

Molweight: 58.1 g/mol

Melting point: 17 °C / 62.6 °F

Boiling point: 154 °C / 309.2 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Corrosive, 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

DMAIH.100.DOCK/10.150 100g / 150ccm cyl.

DMAIH.200.DOCK/10.400 200g / 400ccm cyl.

DMAIH.400.DOCK/10.600 400g / 600ccm cyl.

DMAIH.750.DOCK/10.1000 750g / 1000ccm cyl

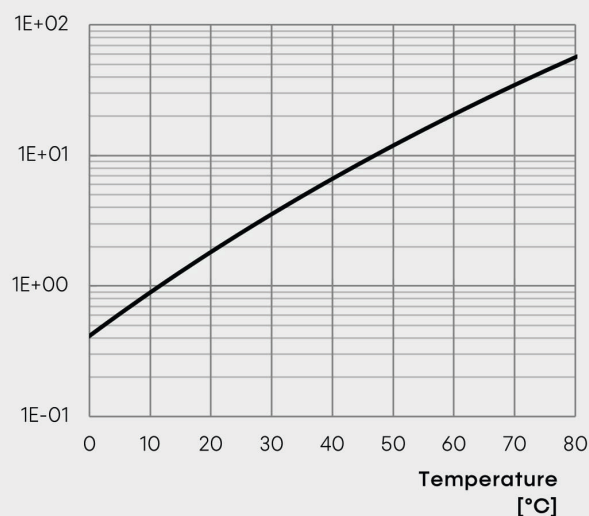
DMAIH.2000.DOCK/10.3000 2000g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

IMOCVD



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