

DMAIH

DIMETHYLALUMINUMHYDRIDE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 8.92 - 2575/T(K)$
Density:	0.75 g/cm ³
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 recommended storage conditions
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.7500.DOCK/10.1000	750g / 1000ccm cyl
DMAIH.2000.DOCK/10.3000	2000g / 3000ccm cyl.

Product Description

Name:	DIMETHYLALUMINUMHYDRIDE
CAS-Number:	865-37-2
Element:	Al
Molecular Formula:	C ₂ H ₇ Al

Quality Standards

EG Electronic Grade

Application

IMOCVD

Vapor Pressure

Vapor Pressure [mbar]

