

N,N DIMETHYLHYDRAZINE

UDMHy

 **Product description**

Name: N,N DIMETHYLHYDRAZINE
CAS-Number: 57-14-7

Application: III/V MOCVD, Dilute Nitride semiconductors (GaInNAs, GaNAsP)

Element: N

N,N DIMETHYLHYDRAZINE

UDMHy

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 8.272 - 1812/T(\text{K})$

Density: 0.79 g/cm³

Molweight: 60.1 g/mol

Melting point: -58 °C / -72.4 °F

Boiling point: 63 °C / 145.4 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Toxic by Inhalation

Thermal decomposition:

ADR/RID-class: 6.1

UN-no: 1163, PG I

IMDG-class: 5.1

UN-no: 1163, PG I

ICAO/IATA-class: 6.1

UN-no: 1163, PG I – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

UDMHy.250.DOCK/10.400 250g / 400ccm cyl.

UDMHy.700.DOCK/10.1000 700g / 1000ccm cyl.

UDMHy.2100.DOCK/10.3000 2100g / 3000ccm cyl.

UDMHy.2800.DOCK/10.3950 2800g / 3950ccm cyl.

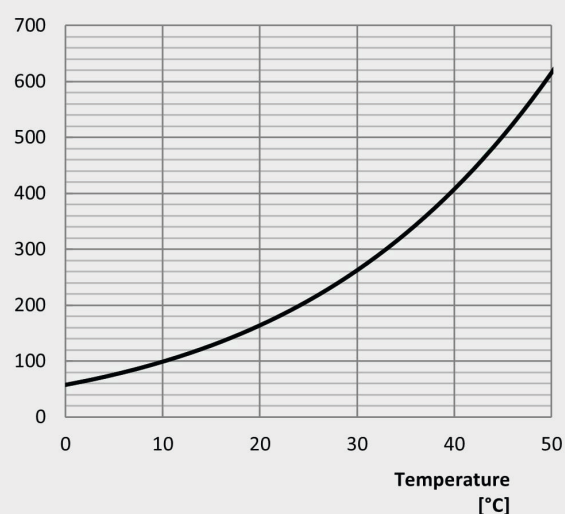
UDMHy.5000.DOCK/100.8000 5000g / 8000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

III/V MOCVD, Dilute Nitride semiconductors (GaInNAs, GaNAsP)



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