

DIMETHYLCADMIUM

DMCd

 **Product description**

Name: DIMETHYLCADMIUM

CAS-Number: 506-82-1

Application: II/VI deposition, 2D materials

Element: Cd

DIMETHYLCADMIUM

DMCd

Physical Properties

Vapor pressure equat.: 38 mbar at 20 °C

Density: 1.98 g/cm³

Molweight: 142.48 g/mol

Melting point: -4.5 °C / 24 °F

Boiling point: 105 °C / 222 °F

Sublimation point:

Chemical Properties

Stability: Stable under recommended storage conditions

State of matter: Liquid

Safety & Transport

Toxicity: Toxic

Thermal decomposition:

ADR/RID-class: 4.2

UN-no: 3394

IMDG-class: 4,2

UN-no: 3394

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

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

DMCd.250.DOCK/10.150 250g / 150ccm cyl.

DMCd.500.DOCK/10.400 500g / 400ccm cyl.

DMCd.700.DOCK/10.400 700g / 400ccm cyl.

DMCd.1750.DOCK/10.1000 1750g / 1000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

II/VI deposition, 2D materials



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