

GERMANIUMTETRACHLORIDE

GeCl₄

 Product description

Name: GERMANIUMTETRACHLORIDE

CAS-Number: 10038-98-8

Application: CVD of Germanium containing material systems

Element: Ge

GERMANIUMTETRACHLORIDE

GeCl₄

Physical Properties

Vapor pressure equat.: 101 mbar at 20 °C

Density: 1.84 g/cm³

Molweight: 214.42 g/mol

Melting point: -49 °C / -56 °F

Boiling point: 83 °C / 181 °F

Sublimation point:

Chemical Properties

Stability: Stable under recommended storage conditions

State of matter: Liquid

Safety & Transport

Toxicity: Toxic by Inhalation

Thermal decomposition:

ADR/RID-class: 6.1

UN-no: 3390

IMDG-class: 6,1

UN-no: 3390

ICAO/IATA-class: 6,1

UN-no: 3390 – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

GeCl₄.100.DOCK/10.150 100g / 150ccm cyl.

GeCl₄.250.DOCK/10.150 250g / 150ccm cyl.

GeCl₄.650.DOCK/10.400 650g / 400ccm cyl.

GeCl₄.1650.DOCK/10.1000 1650g / 1000ccm cyl.

GeCl₄.4950.DOCK/10.3000 4950g / 3000ccm cyl.

GeCl₄.6500.DOCK/10.3950 6500g / 3950ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

CVD of Germanium containing material systems



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

[dockchemicals.com](https://www.dockchemicals.com)