

GeCl₄

GERMANIUMTETRACHLORIDE

Physical Properties

Vapor pressure equat.:	101 mbar at 20 °C
Density:	1.84 g/cm ³
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

GeCl ₄ 100.DOCK/10.150	100g / 150ccm cyl.
GeCl ₄ 250.DOCK/10.150	250g / 150ccm cyl.
GeCl ₄ 650.DOCK/10.400	650g / 400ccm cyl.
GeCl ₄ 1650.DOCK/10.1000	1650g / 1000ccm cyl.
GeCl ₄ 4950.DOCK/10.3000	4950g / 3000ccm cyl.
GeCl ₄ 6500.DOCK/10.3950	6500g / 3950ccm cyl.

Product Description

Name:	GERMANIUMTETRACHLORIDE
CAS-Number:	10038-98-8
Element:	Ge
Molecular Formula:	GeCl ₄

Quality Standards

EG Electronic Grade

Application

CVD of Germanium containing material systems

Vapor Pressure

© 2024 Dockweiler Chemicals GmbH. All rights reserved. Version 07/2024. This data sheet is subject to change without notice. Despite careful checking and regular updating of the content, we accept no liability for the accuracy, completeness or currency of the information provided. Any liability, in particular for any damage or consequences arising from the use of the information provided, is excluded.

