

VANADIUMTETRACHLORIDE

VOCl₄

 **Product description**

Name: VANADIUMTETRACHLORIDE

CAS-Number: 7632-51-1

Application: Deposition of Vanadium containing layers

Element: V

VANADIUMTETRACHLORIDE

VCl₄

Physical Properties

Vapor pressure equat.: 8 mbar at 20°C

Density: 1.82 g/cm³

Molweight: 192.57 g/mol

Melting point: -28 °C / -18,4 °C

Boiling point: 154 °C / 310 °F

Sublimation point:

Chemical Properties

Stability: Stable under recommended conditions

State of matter: Liquid

Safety & Transport

Toxicity: n.a.

Thermal decomposition:

ADR/RID-class: 8

UN-no: 2444

IMDG-class: 8

UN-no: 2444

ICAO/IATA-class: 8

UN-no: 2444 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

VCl₄100.DOCK/10.150 100g / 150ccm cyl.

VCl₄200.DOCK/10.400 200g / 400ccm cyl.

VCl₄650.DOCK/10.400 650g / 400ccm cyl.

VCl₄900.DOCK/10.600 900g / 600ccm cyl.

VCl₄1600.DOCK/10.1000 1600g / 1000ccm cyl.

VCl₄4900.DOCK/10.3000 4900g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

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