

TERTIARYBUTYLCHLORIDE

# TBCl

 **Product description**

**Name:** TERTIARYBUTYLCHLORIDE

**CAS-Number:** 507-20-0

**Application:** Chlorine source as mild and selective etchant for CVD chamber cleaning and selective area

**Element:** C

# TERTIARYBUTYLCHLORIDE

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## Physical Properties

Vapor pressure equat.:	$\log(p(\text{bar})) = 1.0542 - 110.567 / (T(\text{K}) - 221.514)$
Density:	0.84 g/cm <sup>3</sup>
Molweight:	92.57 g/mol
Melting point:	-29 °C / -20 °F
Boiling point:	51 °C / 124 °F
Sublimation point:	

## Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

## Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1127
IMDG-class:	3
UN-no:	1127
ICAO/IATA-class:	3
UN-no:	1127 – AIR FREIGHT ALLOWED

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

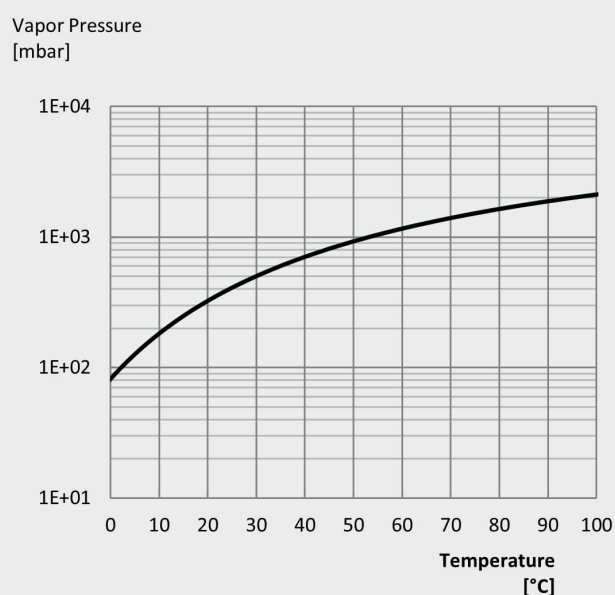
## Packaging & Standard Filling Volumes

TBCl.100.DOCK/10.150	100g / 150ccm cyl.
TBCl.300.DOCK/10.400	300g / 400ccm cyl.
TBCl. 750.DOCK/10.1000	750g / 1000ccm cyl.
TBCl. 2250.DOCK/10.3000	2250g / 3000ccm cyl.
TBCl. 3000.DOCK/10.4000	3000g / 4000ccm cyl.

## Quality Standards

EG Electronic Grade

## Vapor Pressure Curve



## Application

Chlorine source as mild and selective etchant for CVD chamber cleaning and selective area deposition



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