

# MoCl<sub>5</sub>

## MOLYBDENUMPENTACHLORIDE

### Physical Properties

Vapor pressure equat.:	2.33 mbar at 25 °C
Density:	2.928 g/cm <sup>3</sup>
Molweight:	273.21 g/mol
Melting point:	194 °C / 381 °F
Boiling point:	268 °C / 514 °F
Sublimation point:	

### Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Solid

### Safety & Transport

Toxicity:	Corrosive
Thermal decomposition:	
ADR/RID-class:	8
UN-no:	2508, PG III
IMDG-class:	8
UN-no:	2508, PG III
ICAO/IATA-class:	8
UN-no:	2508, PG III – AIRFREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

MoCl <sub>5</sub> .100.DOCK/10.150	100g / 150ccm cyl.
MoCl <sub>5</sub> .200.DOCK/10.150	200g / 150ccm cyl.
MoCl <sub>5</sub> .500.DOCK/10.400	500g / 400ccm cyl.
MoCl <sub>5</sub> .1500.DOCK/10.1000	1500g / 1000ccm cyl
MoCl <sub>5</sub> .4000.DOCK/10.3000	4000g / 3000ccm cyl.

### Product Description

Name:	MOLYBDENUMPENTACHLORIDE
CAS-Number:	10241-05-1
Element:	Mo
Molecular Formula:	MoCl <sub>5</sub>

### Quality Standards

EG Electronic Grade

### Application

ALD and CVD Precursor

### Vapor Pressure

