SCIENCE DRIVEN SOLUTIONS

MoO_2Cl_2

MOLYBDENUMDICHLORIDDIOXIDE

Physical Properties

Vapor pressure equat.:	1 bar at 159 °C
Density:	3.31 g/cm³
Molweight:	198.85 g/mol
Melting point:	175 °C / 347 °F
Boiling point:	n.a.
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:	1759, PG II
IMDG-class:	8
UN-no:	1759, PG II
ICAO/IATA-class:	8
UN-no:	1759, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

MoO2Cl2.100.DOCK/10.150	100g / 150ccm cyl.
MoO2Cl2.200.DOCK/10.150	200g / 150ccm cyl.
MoO2Cl2.1000.DOCK/10.400	1000g / 400ccm cyl.
MoO2Cl2.2000.DOCK/10.1000	2000g / 1000ccm cyl
MoO2Cl2.5000.DOCK/10.3000	5000g / 3000ccm cyl.

Product Description

Name:	MOLYBDENUMDICHLORIDDIOXIDE
CAS-Number:	13637-68-8
Element:	Mo
Molecular Formula:	MoO_2Cl_2

Quality Standards

EG Electronic Grade

Application

ALD and CVD Precursor

Vapor Pressure

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