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Typical Product Specifications & Properties

Molybdenum(V) chloride

CAS Number: : 10241-05-1

Specifications	Limits
Molecular weight	273.23
EINECS	233-575-3
SMILES	[Mo](Cl)(Cl)(Cl)(Cl)Cl
InChI	GICWIDZXWJGTCl-UHFFFAOYSA-I
InChIKey	1S/5ClH.Mo/h5*1H;/q;+5/p-5
Stability	Stable, but moisture and air-sensitive. Contact with water liberates toxic gas. Incompatible with water, strong oxidizing agents.
Melting Point	194 °C
Solubility	Soluble in dry ether, dry alcohol, organic solvents and chlorinated solvents.
Form	powder
Vapor Pressure	1.75 mm Hg (25 °C)
Density	2.928 g/mL at 25 °C
Boiling Point	268 °C



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Specifications	Limits
Sensitive	Moisture Sensitive



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