

SPECIFICATION

Thiophosphoryl Chloride

Parameters	Specification
CAS Number	3982-91-0
Appearance	Colorless liquid
Molecular Formula	Cl ₃ PS
Molecular Weight	169.40 g/mol
Boiling Point	86 °C
Melting Point	-22 °C
Flash Point	130 °C
Purity	98–99%
Refractive Index	1.57
Solubility	Reacts with water, soluble in some organic solvents
Uses	Intermediary in synthesis of thiophosphoryl compounds, reagent in organic synthesis