

SPECIFICATION

Chlorotrimethylsilane

Parameters	Specification
CAS Number	75-77-4
Appearance	Colorless liquid
Molecular Formula	C ₃ H ₉ ClSi
Molecular Weight	108.64 g/mol
Boiling Point	56 °C
Melting Point	-90 °C
Flash Point	-12 °C
Purity	98–99%
Refractive Index	1.392
Solubility	Reacts with water; soluble in organic solvents (e.g., toluene, dichloromethane)
Uses	Silylation reagent; protects alcohols as trimethylsilyl ethers; intermediate in organic synthesis

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