

SPECIFICATION

Lauroyl Chloride

Parameters	Specification
CAS Number	112-16-3
Appearance	Colorless to pale yellow liquid
Molecular Formula	C ₁₂ H ₂₃ ClO
Molecular Weight	218.77 g/mol
Boiling Point	210 °C
Melting Point	-10 °C
Flash Point	-2 °C
Purity	98–99%
Refractive Index	1.447
Solubility	Not soluble in water; soluble in organic solvents such as diethyl ether and chloroform
Uses	Acylating agent in organic synthesis; intermediate for making esters, amides, fragrances