

## SPECIFICATION

### 3,5,5-Trimethylhexanoyl Chloride

Parameters	Specification
CAS Number	36727-29-4
Appearance	Colorless to pale yellow liquid
Molecular Formula	C <sub>9</sub> H <sub>17</sub> ClO
Molecular Weight	179.70 g/mol
Boiling Point	170 °C
Melting Point	-25 °C
Flash Point	38 °C
Purity	98–99%
Refractive Index	1.42
Solubility	Insoluble in water; soluble in organic solvents (e.g., dichloromethane, chloroform, ether)
Uses	Acylating agent in organic synthesis; used to form esters and amides; intermediate in chemical synthesis



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