

SPECIFICATION

Stearyl Stearate

Parameters	Specification
CAS Number	2778-96-3
Appearance	White to off-white waxy solid
Molecular Formula	C ₃₆ H ₇₂ O ₂
Molecular Weight	538.98 g/mol
Boiling Point	360 °C
Melting Point	69 °C
Flash Point	210 °C
Purity	98–99%
Refractive Index	1.46
Solubility	Practically insoluble in water; soluble in nonpolar organic solvents (e.g., benzene, chloroform, diethyl ether)
Uses	Cosmetics ingredient; emollient and lubricant; waxy stiffener