SPECIFICATION

N-Octyl Magnesium Chloride

Parameters	Specification
Appearance	Colorless liquid
Molecular Weight	172.97 g/mol
Boiling Point	198 °C
Melting Point	-18 °C
Flash Point	-30 °C
Purity	98–99%
Refractive Index	1.438
Solubility	Insoluble in water; soluble in diethyl ether and THF
Uses	Grignard reagent for organic synthesis; used to form alcohols, aldehydes, and ketones