

SPECIFICATION

Butylmagnesium Chloride

Parameters	Specification
CAS Number	0693-04-9
Appearance	Colorless to pale yellow liquid
Molecular Formula	C ₄ H ₉ ClMg
Molecular Weight	116.87 g/mol
Boiling Point	66 °C
Melting Point	-108 °C
Flash Point	-20 °C
Purity	98–99%
Refractive Index	1.406
Solubility	Soluble in THF and diethyl ether, reacts with water
Uses	Organomagnesium reagent used in organic synthesis as a Grignard reagent, formation of primary, secondary, and tertiary alcohols upon reaction with aldehydes or ketones