

SPECIFICATION

Magnesium Hydride

Parameters	Specification
CAS Number	7693-27-8
Appearance	White crystalline powder
Molecular Formula	MgH ₂
Molecular Weight	26.32 g/mol
Boiling Point	450 °C
Melting Point	1120 °C
Flash Point	0 °C
Purity	98–99%
Refractive Index	1.5
Solubility	Insoluble in water; reacts with water to release hydrogen
Uses	Hydrogen storage material; reducing agent; research in hydrogen storage and materials science

+91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618

info@triveniinterchem.com | info@trivenichemical.com

www.triveniinterchem.com | www.trivenichemical.com

135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India



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