

SPECIFICATION

Guanidine Nitrate

Parameters	Specification
CAS Number	506-93-4
Appearance	White crystalline solid
Molecular Formula	CH ₆ N ₄ O ₃
Molecular Weight	121.08 g/mol
Boiling Point	300 °C
Melting Point	125 °C
Flash Point	210 °C
Purity	98–99%
Refractive Index	1.53
Solubility	Highly soluble in water; soluble in ethanol; insoluble in nonpolar solvents.
Uses	Used as oxidizer in propellants and blasting agents; research and energetic materials.

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