

Guanidine Carbonate

Alkaline guanidine salt for selected formulation, pH-control and specialty-synthesis applications.

CAS No. 593-85-1	EC / List No. 209-813-7	Transport Non-dangerous goods
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Product Information

Alkaline guanidine salt for selected formulation, pH-control and specialty-synthesis applications.

Specifications

Parameter	Specification
Appearance	White crystalline powder
Purity	≥99.0 %
Moisture	≤0.2 %
Ash content	≤0.4 %
Solution clarity, 20% aqueous	Transparent
pH, 4% aqueous	11.4 ±0.4

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C3H12N6O3
Molecular weight	180.17 g/mol

Applications

Alkaline formulation systems: Ingredient for qualified alkaline personal-care formulation development.

pH adjustment and buffering: Alkaline salt for selected pH-control and buffering systems.

Specialty chemical synthesis: Guanidine salt for technically supervised synthesis and intermediate development.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Keep airtight and dry in a cool, ventilated area. Protect from moisture and excessive heat; segregate from strong acids and oxidizing agents.
Handling	Use effective dust extraction. Prevent ingestion and eye exposure; wear suitable gloves, protective clothing, goggles and a face shield where splash or dust exposure warrants. Keep eyewash facilities available.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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