

Sodium Gluconate

Water-soluble chelating and sequestering ingredient for alkaline cleaning, water treatment and construction formulations.

CAS No. 527-07-1	EC / List No. 208-407-7	Transport Non-dangerous goods
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Product Information

Water-soluble chelating and sequestering ingredient for alkaline cleaning, water treatment and construction formulations.

Specifications

Parameter	Specification
Appearance	White crystalline powder
Assay	≥98.0 %
Heavy metals	≤0.002 %
Lead	≤0.001 %
Arsenic	≤3 ppm
Chloride	≤0.07 %
Sulphate	≤0.05 %
Reducing substances	≤0.5 %
pH	6.5–7.5
Loss on drying	≤1.0 %

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

Typical Properties

Property	Typical Value
Molecular formula	C ₆ H ₁₁ NaO ₇
Molecular weight	218.14 g/mol

Applications

Alkaline cleaning and water treatment: Chelating and sequestering ingredient for selected alkaline-cleaner and water-treatment formulations.

Concrete, mortar and gypsum additives: Set-retarding and water-reducing aid for qualified construction formulations.

Personal-care and cleaning development: Ingredient for permitted personal-care and cleaning formulations.

Packaging / Storage

Item	Information
Packing	25 kg bags or 1000 kg bulk bags
Storage	Store sealed in a cool, dry, ventilated place protected from moisture and contamination. Keep separate from strong oxidizing agents.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

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