

Sodium Gluconate

Specification Sheet

Description: Sodium gluconate is the neutralized form (salt) of gluconic acid. Widely used in the cosmetic industry for stabilizing purposes. Synonym: D-gluconic acid, monosodium salt.

CAS: 0527-07-01

INCI Name: Sodium gluconate

Composition: Sodium gluconate

Appearance: Off-white granules, no odor

pH Value: PH range: 6.5-7.5 (10% solution)

Benefits:

- Stabilizes and protects cosmetic products from discoloration and rancidity of cosmetic oils and butters
- Binds metal ions (chelating effect) especially iron & copper over a wide pH range
- Acts as pH regulator as well as humectant
- An alternative to synthetic chelating agents

Use: Typical use level 0.1-1.0%. Add to water phase of formula until dissolved. For external use only.

Applications: To stabilize all kinds of cosmetic products like creams, lotions, shampoos, conditioners, makeup products, sunscreen products.

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature

Country of Origin: USA

Raw material source: Glucose (sugar)

Manufacture: Sodium gluconate is produced by microbial fermentation of glucose (e.g. *Aspergillus niger* fungi) with use of sodium hydroxide to control the pH.



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Animal Testing: Not animal tested

GMO: Certified GMO-free

Vegan: Does not contain animal-derived components

HS Code: 2915290000