PMP FERMENTATION PRODUCTS

PERSONAL CARE

SODIUM GLUCONATE

COSMETICS

Sodium gluconate is used to stabilize all kinds of cosmetic products like creams, lotions, shampoos, conditioners, makeup products and sunscreen products.

Sodium Gluconate protects cosmetic products from discoloration and rancidity of cosmetic oils and butters.

It binds metal ions (chelating effect), especially iron & copper over a wide pH range and acts as pH regulator as well as humectant.

An alternative to synthetic chelating agents.

Sodium gluconate is a good hydrating agent. It makes the cosmetic products more hydrating for the skin and prevents the surface from drying out by retaining water.

SKIN CARE

Sodium Gluconate can help to remove unwanted metals from formulations - which ultimately improves their stability and texture. Sodium gluconate is also a good preservative, as it can help prevent the growth of harmful bacteria and fungi in the products, extending their shelf life.

HAIR CARE

Sodium Gluconate is used to improve the performance and appeal of many hair care products. It removes unwanted metal ions from the products, improving the clarity and reducing the buildup of minerals on hair. Sodium gluconate also prevents dryness and breakage, leaving hair looking and feeling healthier.

ORAL CARE

Sodium gluconate plays an important role as a stabilizer for fluoride delivery systems in toothpaste formulations and is very good at protecting against gingivitis. By adding sodium gluconate, it forms stannous gluconate which provides the ability to form stannous fluoride. Stannous fluoride is the heart of the fluoride delivery system.

USE LEVELS

This will vary but is typically at the level 0.1 - 1.0%.

Sodium gluconate and gluconic acid are non-toxic, non-corrosive, biodegradable and bio-renewable.

AVAILABILITY

Sodium Gluconate is available in solid and liquid form.

- **SODIUM GLUCONATE** is sold in 50 lb or 25 kg bags, or in bulk bags.
- **LIQUID GLUCONATE** is available in **DRUMS, TOTES** or in bulk as 60, 60LT or 70
- **GLUCONIC ACID 50% FCC** is a food grade product available in **DRUMS, TOTES** or bulk
- **GLUCONIC ACID 50% FCC ORG** is approved for use in organic applications and is available in **DRUMS AND TOTES**.

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