

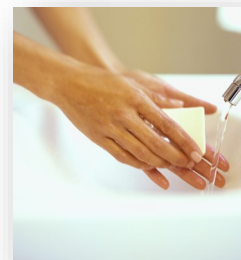
Sodium Gluconate

INCI Name: Sodium Gluconate

CAS Numbers: 527-07-1

Description:

Sodium Gluconate is a compound with formula $\text{NaC}_6\text{H}_{11}\text{O}_7$. It is the sodium salt of gluconic acid. It has the E number of E576 which is a code for chemicals which can be used as food additives for use within the European Union and Switzerland (the "E" stands for "Europe"). Sodium Gluconate is widely used in textile dyeing, printing and metal surface water treatment. It is also used as a chelating agent, a steel surface cleaning agent, a cleaning agent for glass bottles, and as a chelating agent for cement, plating and alumina dyeing industries. It is a white colorless powder that is very soluble in water.



Technical Data:

Parameter	Unit	Specification
Characteristics		
Identification		
Chloride	mg/kg	≤ 50
Sulfate	mg/kg	≤ 100
Lead (<2 mg/kg)		
Heavy Metals (as Pb, < 10 mg/kg)		
Reducing Substances	%	≤ 0.5
Assay	%	99.0 – 101.0
pH Value (10% solution)		6.5 – 7.5

Applications

Sodium Gluconate is used in bar soap products, toothpaste products, depilatory products, shampoos, body wash/cleanser products, liquid hand soap products, foundation products, mascara products, concealers, hair color and bleaching products, sunscreens, skin fading/lightener products, moisturizers, anti-aging products, foams, conditioners, toners, astringents, creams, hair sprays, shampoos, exfoliants, and scrubs.



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