

TECHNICAL DATA SHEET

[Technical Information]

SODIUM GLUCONATE

SODIUM GLUCONATE FOOD GRADE AND TECH GRADE

1. Product 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. 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.

2. Technical Data:

Sr. No.	Property	Unit	Food Grade	Tech Grade
1	Appearance	/	White to tan crystalline powder	White to tan crystalline powder
2	Purity	≥	99	98
3	Loss on drying	≤	0.3	0.5
4	Reducing substances	≤	0.5	0.7
5	Sulfate	≤	0.05	0.05
6	Chloride	≤	0.07	0.07
7	Heavy metal	≤	0.001	0.001
8	Lead	≤	0.0001	0.0001
10	pH	/	6.2 – 6.8	6.2 -6.8

3. 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.

Molecular Weight -	:	218.14
CAS Number 527-07-	:	1
Shelf Life-	:	1 year
Storage	:	Clean, Dry and Ventilated place
Packing	:	25 kg/bag