



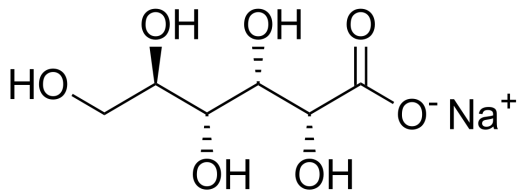
**visight**

Safety and Quality are Elements of **Victorious Sight**



**PRODUCT CATALOG**

## Sodium Gluconate



### TYPICAL PROPERTIES

|                           |   |
|---------------------------|---|
| CAS NO.                   | 527-07-1  |
| APPEARANCE                | White to light beige crystalline powder         |
| CHEMICAL FORMULA          | C <sub>6</sub> H <sub>11</sub> NaO <sub>7</sub> |
| SOLID CONTENT (%)         | ≥98%  |
| MOLECULAR WEIGHT          | 218.14g/mol                                     |
| MELTING POINT             | 205~209°C                                       |
| SOLUBILITY IN WATER@ 25°C | 58g/100ml                                       |
| SLIGHTLY SOLUBLE          | in alcohol                                      |
| PH VALUE (10% SOLUTION)   | 6.5-7.8   |

### DESCRIPTION



Sodium Gluconate is a compound with formula NaC<sub>6</sub>H<sub>11</sub>O<sub>7</sub>. It is the sodium salt of gluconic acid and appears as white crystals that exhibit excellent solubility. This non-corrosive, non-toxic and highly pure gluconate is with excellent resistance to oxidation and reduction, even at high temperatures. It is readily biodegradable (98% approx after 2 days).

In construction, Sodium Gluconate is a highly efficient set retarder and a good plasticiser-extender or water reducer for concrete, mortar and gypsum. 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.

## Sodium Gluconate

### FEATURES

- Highly efficient concrete set retarder.
- Excellent chelating agent.
- Efficient concrete plasticiser / water reducer.
- Bitterness inhibitor.
- Non-toxic.
- Easily biodegradable (98% after 2 days).

### PACKING & STORAGE

Packing: 25KGS plastic bag or in jumbo bag

Store in a dry, clean and ventilated warehouse, avoid contact with rain and moisture. If the product is damp and agglomerated, it can be crushed or dissolved into a water without affecting the application.

### APPLICATIONS



● Concrete



● Cement Mortar



● Gypsum Board



● Gypsum Blocks



● Steel Cleaning



● Medicine





● Glass Bottle Cleaning





● Food Industry


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