

Sodium Gluconate

AP Technical Grade

Chemical Name: Sodium Gluconate, Gluconic Acid

Sodium Salt

Chemical formula: $C_6H_{11}NaO_7$

Molecular weight: 218.14 g/mol

CAS No.: 527-07-1

HS Code: 2918160000

Appearance

White crystalline powder

Properties

Non-toxic, Easily biodegradable (98% after 2 days).

Main functions, Excellent chelating agent, Highly efficient set retarder, Efficient plasticiser / water reducer, Bitterness inhibitor.

Usage

It can be used as water reducing agent and retarder in the construction & building industry. It can be used cleaning of glass bottle and metal. It can be used as water quality stabilizer because it has excellent inhibiting capacity to scale. In textile industry, used in the cleaning and degreasing of fibers. It also can be used as food additives.

Packing

Packed in P.P. woven bags or kraft paper bag 25kg, each with P.E. liner inside or 1,000kg, 1,150kg, 1,200kg jumbo bags.

Typical Properties

Purity	98% Min.	Lead (Pb)	2ppm Max.
Loss on Drying	0.50% Max.	Arsenic Salt (As)	2ppm Max.
Sulphate (SO_4^{2-})	0.05% Max.	Reduzate (D-glucose)	0.70% Max.
Chloride (Cl)	0.07% Max.	PH Value (10% Water solution)	6.2~7.8 Max.
Heavy Metals	10ppm Max.		