



TECHNICAL DATA SHEET

SODIUM GLUCONATE

Product Information

Product name : Sodium Gluconate
Product Molecular Formula : $C_6H_{11}NaO_7$ CAS
NO : [527-07-1]
GMO Status : Non GMO

Description: Sodium gluconate is a white or yellow crystalline powder. It is stable over a wide variety of temperatures, compatible with oxidizers and has an exceptionally low sulfate concentration.

Function / Dosage: Sodium gluconate is used as an admixture in cement as a set extender (retarding agent), resulting in increased cement workability and strength. It can be used as a corrosion & scale inhibitor in oil & gas well drilling fluids. It can be used as a metalworking fluid additive to inhibit rust and as an industrial cleaner for metal and glass surfaces. Sodium gluconate can be formulated and used to replace common chelating agents such as EDTA, citric acid, NTA and THPS

Country of origin : India.

Packaging: 25 kg Laminated PP/ HDPE bags with LDPE inner liner.

Shelf Life: 12 Month from the date of Production if kept in a cool place ($<30^{\circ}C$) with limited head space. Do not refrigerate. May form lumps when exposed to moist conditions.

Regulations: This product is manufactured from GAEL, conforming to FCC/USP NF/BP2020/IP2018 specification. It shall at the time of delivery conform in every respect to the provision of the FSSAI/FSSC/FDA food standard and Regulations made there under. GAEL does not use genetically modified organism for the manufacture of their product and the best of our knowledge the above product is manufactured from raw material that have not been genetically modified.



SPECIFICATIONS

Sl.No	Parameters		Standards
1	Description		White crystalline powder
2	pH		6.20 – 7.80
3	Loss on drying		≤1.0 %
4	Chloride		≤0.07 %
5	Sulphate		≤0.05 %
6	Assay		98.00 – 102.00 %
7	Heavy metals		≤5 mg/kg
8	Lead		≤1 mg/kg
9	Arsenic		≤1 mg/kg
10	Reducing substances		≤0.5 %
11	Conductivity 10% Solution		20000µs/cm
12	Bulk density	Loose	650 - 800 gm/liter
13		Packed	850 - 1000 gm/liter
14	Specific volume	Loose	125 - 145 ml/100 gm
15		Packed	100 - 120 ml/100 gm
16	Retention	On 30 #	NMT 15.00%
17		on 60 #	NLT 20.00%
18		on 100 #	50.00-70.00%

Dietary information :

Suitable for		Certified	Comment
Halal	Yes	Yes	



Kosher	Yes	Yes	
Lacto-vegetarian	Yes	No	
Ovo-vegan	Yes	No	
Vegan	Yes	No	
Vegetarian	Yes	No	

GMO statement (<0.1%) Version 7.20:

This is to confirm that the products produced by Gujarat Ambuja Exports Ltd. Survey No.153/154, Madli Cross

Hulasoggi Village, Tq: Shiggaon, Dist: Haveri, Karnataka (INDIA) do not contain any unprocessed or processed genetically modified organisms- do not contain any compound / ingredient / substrate produced by genetically modified organism- are not produced with the help of genetically modified organisms. Our products are therefore not within the scope of labeling in regard of GMO-derived products as laid down in EC regulations 1829/2003 and 1831/2003 concerning GMO labeling and traceability.

LIST OF INGREDIENTS USED IN THE MANUFACTURING PROCESS :

- 1) Starch slurry
- 2) Liquefaction Enzymes-Lphera
- 3) Saccharification Enzyme-Extenda 1.50
- 4) Hydrochloric acid
- 5) Sodium carbonate
- 6) Sodium Metabisulfite



- PRODUCTION CAPACITY : 25.0 MT Per day.
- Legal requirements : Complies as FSSAI, FDA and KSPCB
- Organization Certifications : FSSAI, FSSC22000, Halal, ISO 9001-2015, Kosher, Non GMO, ISO 14001.
- Document No : GAE/APX/LQA/FS/8051-01-Appendix L

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Revision No : 06

Prepared by :	AGM (Quality) :
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