

# Material Safety Data Sheet

## SECTION 1. Identifications

Product Name: Sodium Gluconate  
Product form: White Crystalline Powder  
Physical state: Solid  
Formula:  $C_6H_{11}NaO_7$   
Synonyms: Sodium Salt of gluconic acid, Sodium 2,3,4,5,6, pentahydroxy-hexanoate  
Typical Use: Chelating agent in foods, cleaning applications, electroplating, concrete.  
Manufacturer: Geocon Products  
A-312 Pratik Industrial Estate, Mulund Goregaon Link road,  
Bhandup West, Mumbai 400078 India  
Emergency Contacts: 91-22-41225480  
info@geoconproducts.com

## SECTION 2. Hazards indentifications

GHS-US classification: Not classified  
Hazards not otherwise classified (HNOC): Not Hazardous  
Unknown acute toxicity (GHS US): Not Toxic if inhaled

## SECTION 3. Compositon & Ingredients

Name of Substance	CAS NO.	%	GHS-US Classifications
Sodium Gluconate	527-07-1	99% min	Not classified

## SECTION 4. First aid measures

Skin: Wash thoroughly with soap and water.  
Eyes: Flush immediately with water or physiological saline for 15 minutes. Get prompt medical attention.  
Ingestion: Get medical attention if adverse effects occur.  
Inhalation: If adverse effects occur, get medical attention.

## SECTION 5. Firefighting measures

Suitable extinguishing media: Water, carbon dioxide, foam, halogens  
Unsuitable extinguishing media: NA  
Fire hazard: Not flammable – Very safe.  
Firefighting instructions: Not required.  
Protection during firefighting: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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## SECTION 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Protective equipment: Wear protective equipment as described in Section 8.

Emergency procedures: Not required

Protective equipment: Standard Gloves and eyewear is enough for protection.

## SECTION 7. Handling & Storage

### Handling Requirements:

Wear suitable protective clothing. Ensure there is sufficient ventilation in the area. Avoid generating dust.

Hygiene measures: Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Storage conditions: Store in a cool, well-ventilated area. Keep away from direct sunlight. Avoid contact with water and humidity.

## SECTION 8. Exposure Control & Protections

Control parameters No additional information available

Appropriate engineering controls: Provide local exhaust or general room ventilation

Personal protective equipment: Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection: Standard Latex gloves

Eye protection: Chemical goggles or safety glasses

Skin and body protection: Not required

Respiratory protection : Not required

## SECTION 9. Physical & Chemical Properties

Physical state :	Crystalline powder
Appearance :	Powder
Color :	White
Odor :	None
Odor threshold :	No data available
Refractive index :	No data available
pH :	0
Relative evaporation rate	(butyl acetate=1) : No data available
Melting point :	No data available
Freezing point :	No data available
Boiling point :	No data available
Flash point :	> 200°C
Decomposition temperature :	No data available
Flammability (solid, gas) :	No data available
Vapor pressure :	No data available
Relative vapor density at 20 °C :	No data available
Relative density :	1.17
% Volatiles :	0 %
Solubility :	No data available
Log Pow :	No data available
Log Kow :	No data available
Viscosity, kinematic :	No data available
Viscosity, dynamic :	No data available
Explosive properties :	No data available

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Oxidizing properties : No data available  
Explosion limits : No data available

## SECTION 10. Stability & Reactivity

Reactivity No additional information available  
Possibility of hazardous reactions No additional information available  
Conditions to avoid No additional information available  
Hazardous decomposition products Organic acid vapors. Silicon dioxide.

## SECTION 11. Toxicological information

Acute toxicity : Not classified  
Toxicity chart on substance  
Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

## SECTION 12. Ecological information

Toxicity No additional information available  
Persistence and degradability No additional information available  
Bio accumulative potential No additional information available  
Mobility in soil No additional information available  
Other adverse effects  
Effect on the ozone layer : No additional information available

## SECTION 13. Disposal information

Sewage disposal recommendations : Safe to dispose of.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.  
Additional information : Not available.

## SECTION 14. Transport information

UN number Not regulated – Safe to carry by air transport – Even Passenger aircraft  
UN proper shipping name Not applicable

## SECTION 15. Regulatory information

US Federal regulations Not applicable  
EPA FIFRA Registration Ingredient are used in Food products so safe to transport

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## SECTION 16.

## Other information

US State regulations

No additional information available

Health :

0 Minimal Hazard - No significant risk to health

Flammability : 0

Minimal Hazard - Materials that will not burn

Physical : 0 Minimal

Hazard -

Non Hazardous

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