

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Sodium Gluconate	Supplier: ASES CHEMICAL WORKS.
Synonyms: D-Gluconic Acid, Monosodium Salt, Natriumgluconat	Address: Brahm Bagh, Jalori Gate
INCI Name: Sodium Gluconate	Jodhpur - 342001 Rajasthan-India
CAS Number: 527-07-1	Phone: +91-9636889954
Formula: NaC ₆ H ₁₁ O ₇	Web: www.ases.in
Product Form: Powder	Email : ecom@ases.in
Product Use: Food / Feed additive, Pharmaceuticals, Chelating Agent	

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Label Elements: This substance is not classified as dangerous according to Directive 67/548/EEC.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Molar Mass	Weight%
SODIUM GLUCONATE	527-07-1	208-407-7	NaC ₆ H ₁₁ O ₇	218.14 g/mol

4 FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.
Inhalation: If inhaled, removed to fresh air. Get medical attention if symptoms appear.
Ingestion: Seek medical attention or contact local poison control centre.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray, water jet, foam, dry powder, carbon dioxide.
Fire-Fighting/Further Advice: Dust may form explosive mixture with air. Avoid heat, flames and other sources of ignition. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, protective equipment and emergency procedures

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

Environmental Precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Further Accidental Release Measures

Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

7 HANDLING & STORAGE

Precautions: Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation

Storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Respiratory equipment: No specific recommendation made.

Hand protection: Use suitable protective gloves if risk of skin contact.

Eye protection: Wear approved safety goggles.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

MATERIAL SAFETY DATA SHEET

SODIUM GLUCONATE

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder, dust Granular	Bulk Density:	9	85 - 995 kg/m3
Colour:	White / off-white.	pH-Value, Diluted Solution:		6.5 - 8.0 10
Solubility:	Soluble in water.	Solubility Value (G/100G H2O@20°C):		45
Insoluble in:	Alcohol	Decomposition temperature (°C):		196 - 198
Melting point (°C):	170 - 207	Auto Ignition Temperature (°C):		>200

10 STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use
Chemical Stability:	Stable under normal temperature conditions
Hazardous Polymerization:	Not determined.
Conditions to Avoid:	Avoid excessive heat for prolonged periods of time
Incompatible Materials:	Not determined.
Hazardous Decomposition Products:	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2)

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Inhalation:	Dust in high concentrations may irritate the respiratory system.
Ingestion:	May cause discomfort if swallowed.
Skin contact:	Powder may irritate skin.
Eye contact:	Particles in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

Persistence and Degradability:	The product is easily biodegradable.
Ecotoxicity :	The product components are not classified as environmentally hazardous.
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14 TRANSPORT INFORMATION

US DOT Shipping Description (Land) :	Not regulated
IMO-IMDG Shipping Description (Sea) :	Not regulated
IATA Shipping Description (Air) :	Not regulated

15 REGULATORY INFORMATION

Chemical Safety Assessment:	No chemical safety assessment has been carried out.
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16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.