

**MATERIAL SAFETY DATA SHEET****Product Name:** Sodium gluconate**CAS No.:** 527-07-1**Version:** 0**1. Identification**

**Product Code** : 93002  
**Company Name** : Advent Chembio Private Limited  
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**2. Hazards Identification**

**Hazard classification** : Not classified  
**Labels elements**  
**Hazard symbol** : No symbol  
**Signal word** : No Signal word  
**Hazard statement** : Not applicable  
**Precautionary statement** : Not applicable  
**Supplemental Hazard Statements** : None

**3. Composition/information on ingredients**

**Ingredient** : D-Gluconic acid sodium salt  
Sodium D-gluconate  
2,3,4,5,6-Pentahydroxycaproic acidsodium salt  
D-Gluconate sodium salt  
**CAS No.** : 527-07-1  
**Percent** : 98.0 – 102.0%  
**Formula** : C<sub>6</sub>H<sub>11</sub>NaO<sub>7</sub>  
**Molecular Weight** : 218.14g/mol

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- General advice** : No data available
- Inhalation** : If breathed in, move person into fresh air. If not breathing, give artificial respiration.
- Skin contact** : Wash off with soap and plenty of water.
- Eye contact** : Flush eyes with water as a precaution.
- Swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water.
- Most important symptoms and effects, both acute and delayed** : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- Indication of any immediate medical attention and special treatment needed Treatment** : No data available

**5. Fire fighting measures****Extinguishing media**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special hazards arising from the substance or mixture** : Carbon oxides, Sodium oxides
- Advice for firefighters** : Wear self contained breathing apparatus for firefighting if necessary.

**6. Accidental Release Measures**

- Personal precautions, protective equipment and emergency procedures** : Avoid dust formation. Avoid breathing vapours, mist or gas.
- Environmental precautions** : No special environmental precautions required.
- Methods and materials for containment and cleaning up** : Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7. Handling and storage**

- Precautions for safe handling** : Provide appropriate exhaust ventilation at places where dust is formed.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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<b>Exposure limit</b>	:	No data available
<b>Appropriate engineering controls</b>	:	General industrial hygiene practice.
<b>Personal protective equipment</b>		
Respiratory protection	:	No data available
Hand protection	:	No data available
Eye protection	:	No data available
Skin and Body Protection	:	No data available

**9. Physical and Chemical Properties**

<b>Appearance</b>	:	White to off-white crystalline powder
<b>Odor</b>	:	No data available
<b>pH</b>	:	6.5 - 7.5
<b>Melting point/freezing point</b>	:	170 - 175 °C
<b>Initial boiling point and boiling range</b>	:	No data available
<b>Flash Point</b>	:	No data available
<b>Vapor pressure</b>	:	No data available
<b>Vapor density</b>	:	No data available
<b>Relative density</b>	:	No data available
<b>Solubility in water</b>	:	No data available
<b>Solubility (other)</b>	:	No data available

**10. Stability and Reactivity**

<b>Reactivity</b>	:	No data available
<b>Chemical stability</b>	:	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	:	No data available
<b>Conditions to avoid</b>	:	No data available
<b>Incompatible materials</b>	:	Strong oxidizing agents
<b>Hazardous decomposition products</b>	:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides

**11. Toxicological Information****Information on toxicological effects**

<b>Acute toxicity</b>	:	No data available
<b>Skin corrosion/irritation</b>	:	No data available

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**Serious eye damage/eye irritation** : No data available  
**Respiratory or skin sensitization** : No data available  
**Germ cell mutagenicity** : No data available  
**Carcinogenicity**  
**IARC** : No data available  
**NTP** : No data available  
**OSHA** : No data available  
**Reproductive toxicity** : No data available  
**Route of Exposure** : No data available  
**Signs and Symptoms of Exposure** : No data available

## 12. Ecological Information

**Toxicity** : No data available  
**Persistence and degradability** : No data available  
**Bioaccumulative potential** : No data available  
**Mobility in soil** : No data available.  
**Other adverse effects** : Harmful to aquatic life.

## 13. Disposal consideration

**Disposal instructions** : Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Contaminated packaging** : Dispose of as unused product.

## 14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>					Not dangerous goods
<b>IMDG</b>					Not dangerous goods
<b>IATA</b>					Not dangerous goods

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This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
No Data Available.

**16. Other Information****Issue Date :**09/05/2016**Version : 0**

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