



**Global Calcium**  
ADDING LIFE TO LIFE


**GLOBAL CALCIUM PRIVATE LIMITED**

**SAFETY DATA SHEET**



**PRODUCT NAME: CALCIUM GLUCONATE**

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<p><b>1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING</b></p> <div data-bbox="174 545 555 758" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">Distributed by:</p>  <p style="text-align: center;"><b>Rocky Mountain Reagents</b> <small>SCIENTIFIC SOLUTIONS SINCE 1951</small></p> <p style="text-align: center;">4621 Technology Drive, Golden, CO 80403 ph: (303) 762-0800 fax: (303) 762-1240 Part #: C1063</p> </div>	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"><b>Product name</b></td> <td><b>Calcium Gluconate</b></td> </tr> <tr> <td><b>Product Information</b></td> <td>Mineral Salt</td> </tr> <tr> <td><b>Supplier</b></td> <td>Global Calcium Pvt. Ltd. 125, 126 SIPCOT Industrial Complex Hosur.</td> </tr> <tr> <td><b>Telephone</b></td> <td>91-4344-276958, 91-4344-276959</td> </tr> <tr> <td><b>Fax</b></td> <td>91-4344-276359</td> </tr> <tr> <td><b>Emergency telephone</b></td> <td>91-4344-276958, 91-4344-276959</td> </tr> </table>	<b>Product name</b>	<b>Calcium Gluconate</b>	<b>Product Information</b>	Mineral Salt	<b>Supplier</b>	Global Calcium Pvt. Ltd. 125, 126 SIPCOT Industrial Complex Hosur.	<b>Telephone</b>	91-4344-276958, 91-4344-276959	<b>Fax</b>	91-4344-276359	<b>Emergency telephone</b>	91-4344-276958, 91-4344-276959
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<p><b>2. HAZARDS IDENTIFICATION</b></p>	<p><b>Classification according to Regulation (EC) No 1272/2008 : None</b> <b>Classification according to Directive 67/548/EEC or Directive 1999/45/EC:None</b></p> <p>This product is not hazardous according to EEC directives 67/548/EEC and/1999/45/EC.</p> <p>This product is not hazardous according to EEC directives 67/548/EEC/1999/45/EC or regulation (EC)No 1272/2008.</p> <p><b>Hazard Pictograms: None</b> <b>Signal word:None</b> <b>Hazard Determining components of labeling:None</b> <b>Hazard Statements:None</b></p> <p>This Product is not required to be labeled according to EEC directives 67/548/EEC /1999/45/EC.</p> <p>Risk of dust explosion.May cause eye and skin irritation with susceptible persons.</p>												
<p><b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b></p>	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"><b>Chemical name of the substance</b></td> <td>Calcium Gluconate</td> </tr> <tr> <td><b>Synonyms</b></td> <td>D-Gluconic acid, calcium salt (2:1) Calcium D-gluconate monohydrate</td> </tr> <tr> <td><b>Molecular Formula</b></td> <td>C<sub>12</sub> H<sub>22</sub> CaO<sub>14</sub> (Anhydrous) C<sub>12</sub> H<sub>22</sub> CaO<sub>14</sub>.H<sub>2</sub>O (Monohydrate)</td> </tr> <tr> <td><b>Molecular Weight</b></td> <td>430.37 (Anhydrous) 448.39 (Monohydrate)</td> </tr> <tr> <td><b>CAS No.</b></td> <td>299-28-5 (Anhydrous) 18016-24-5 (Monohydrate)</td> </tr> <tr> <td><b>Composition</b></td> <td>Calcium Gluconate (100 %)</td> </tr> </table>	<b>Chemical name of the substance</b>	Calcium Gluconate	<b>Synonyms</b>	D-Gluconic acid, calcium salt (2:1) Calcium D-gluconate monohydrate	<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> CaO <sub>14</sub> (Anhydrous) C <sub>12</sub> H <sub>22</sub> CaO <sub>14</sub> .H <sub>2</sub> O (Monohydrate)	<b>Molecular Weight</b>	430.37 (Anhydrous) 448.39 (Monohydrate)	<b>CAS No.</b>	299-28-5 (Anhydrous) 18016-24-5 (Monohydrate)	<b>Composition</b>	Calcium Gluconate (100 %)
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<p><b>4.</b></p>	<p><b>FIRST AID MEASURES</b></p> <p><b>General Advice</b></p> <p><b>Eye</b></p> <p><b>Skin</b></p> <p><b>Inhalation</b></p> <p><b>Ingestion</b></p>	<p>Show this safety data sheet to the doctor in attendance.</p> <p>Rinse opened eye cautiously for several minutes under running water. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Instantly wash with soap and water and rinse thoroughly and get medical advice/attention.</p> <p>Supply fresh air, consult medical help if symptoms arise and get medical advice/attention.</p> <p>Drink water. Get immediate medical advice/attention.</p>
<p><b>5.</b></p>	<p><b>FIRE FIGHTING MEASURES</b></p> <p><b>Extinguishing Media</b></p> <p><b>Fire fighting procedure</b></p> <p><b>Unusual Fire Explosion Hazard</b></p>	<p>Use media that is appropriate to treat surrounding fire.</p> <p>Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear.</p> <p>During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.</p>
<p><b>6.</b></p>	<p><b>ACCIDENTAL RELEASE MEASURES</b></p>	<p>Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.</p>
<p><b>7.</b></p>	<p><b>HANDLING AND STORAGE</b></p> <p><b>Handling</b></p> <p><b>Storage</b></p>	<p>Use with adequate ventilation. Avoid breathing dust, contact with eyes. Use normal personal hygiene and housekeeping.</p> <p>Store in well closed container away from other incompatible materials at ambient temperature and humidity conditions. Product may be slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.</p>
<p><b>8.</b></p>	<p><b>EXPOSURE CONTROL / PERSONAL PROTECTIVE</b></p>	<p>While handling, use appropriate Personal Protective Equipments (PPE'S).</p>



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9.	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	<p><b>Appearance</b>            White, crystalline, odorless, tasteless granules or powder</p> <p><b>Solubility</b>                Sparingly (and slowly) soluble in water, freely soluble in boiling water; insoluble in alcohol.</p>
10.	<p><b>STABILITY AND REACTIVITY</b></p> <p><b>Chemical Stability</b></p> <p><b>Hazardous Polymerization</b></p> <p><b>Hazardous Decomposition Products</b></p> <p><b>Keep away from</b></p>	<p>Stable under normal temperatures and pressures.</p> <p>Will not occur under normal conditions.</p> <p>Carbon monoxide and carbon dioxide</p> <p>Strong Oxidizers.</p>
11.	<p><b>TOXICOLOGICAL INFORMATION</b></p> <p><b>Local effects</b></p> <p><b>Specific effects</b></p>	<p>May cause eye and skin irritation with susceptible persons. General toxicity of calcium salts.</p> <p>No carcinogenic or mutagenic properties.</p>
12.	<b>ECOLOGICAL INFORMATION</b>	Not available.
13.	<b>DISPOSAL CONSIDERATIONS</b>	Do not flush into sewer system or allow contact with water system. Do not dispose of with garbage.
14.	<b>TRANSPORT INFORMATION</b>	The product is not classified as dangerous goods according to International regulations.
15.	<b>REGULATORY INFORMATION</b>	NA
16.	<b>OTHER INFORMATION</b>	The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Global Calcium Pvt Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product.