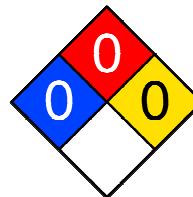


**MATERIAL SAFETY DATA SHEET**  
**Calgonate® Calcium Gluconate Gel, 2.5%**



HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	0

### 1. Identification

- (a) Product identifier: Calgonate® Calcium Gluconate Gel, 2.5%
- (b) Other means of identification: N/A
- (c) Recommended use and restrictions on use: Topical application typically used after contact with hydrofluoric acid.
- (d) Supplier:  
Calgonate Corp.  
1391 NW St Lucie West Blvd #303  
Port St Lucie, FL 34986 USA  
Phone: +1 (772) 408-8884  
www.calgonate.com
- (e) Emergency phone number: N/A

### 2. Hazard(s) identification

- (a) Classification of the chemical in accordance with paragraph (d) of §1910.1200: **Not hazardous**
- (b) Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200: **None**
- (c) Hazards not otherwise classified that have been identified during the classification process: **N/A**
- (d) Ingredient with unknown acute toxicity  $\geq 1\%$ : **None**

### 3. Composition/ information on ingredients

- (a) Chemical name and concentration of all ingredients which are classified as health hazards: **None**

### 4. First-aid measures

- (a) Description of necessary measures:  
Skin contact: Flush exposed skin with copious amounts of water and soap. Consult a physician if irritation develops.  
Eye contact: Flush with copious amounts of water for at least 15 minutes, holding the eyes open wide. Consult a physician.  
Ingestion: Wash out mouth with water, provided person is conscious. Get medical attention. Do not induce vomiting unless directed by medical personnel.
- (b) Most important symptoms/effects, acute and delayed: Irritation, pain, nausea
- (c) Indication of immediate medical attention and special treatment needed, if necessary:  
The material is expected to be applied to skin in situations where irritation and pain may already exist in the area of contact. However, if the gel is suspected of increasing the pain or discomfort, discontinue use and treat accordingly.

### 5. Fire-fighting measures

- (a) Suitable (and unsuitable) extinguishing media:  
The product contains minimally combustible ingredients, however, as it has a high water content, the risk of combustion is considered to be very low. Means of extinction: Dry chemical, CO<sub>2</sub>, foam, water.
- (b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products): Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>)
- (c) Special protective equipment and precautions for fire-fighters: N/A

### 6. Accidental release measures

- (a) Personal precautions, protective equipment, and emergency procedures:  
This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature (room temperature) and pressure. Avoid contact with oxidizing agents and strong bases.
- (b) Methods and materials for containment and cleaning up:  
Use absorbent material. Wash the area with water.

## 7. Handling and storage

(a) Precautions for safe handling:

This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature (room temperature) and pressure. Avoid contact with oxidizing agents and strong bases.

(b) Conditions for safe storage, including any incompatibilities:

This material is considered stable under normal storage temperature and pressure conditions. Store in a cool, well-ventilated area at room temperature.

## 8. Exposure controls/personal protection

(a) OSHA PEL, ACGIH TLV, etc.: N/A

(b) Appropriate engineering controls: Ventilation not normally required. No additional applicable information is available.

(c) Individual protection measures, such as personal protective equipment:

Protective gloves: Not normally required

Eye protection: Not normally required

Other protective equipment: Not normally required

## 9. Physical and chemical properties

(a) Appearance (physical state, color, etc.):

Colorless, aqueous viscous gel

(b) Odor:

Isopropyl alcohol

(c) Odor threshold:

No applicable information is available.

(d) pH:

6.0-7.0

(e) Melting point/freezing point:

No applicable information is available.

(f) Initial boiling point and boiling range:

No applicable information is available.

(g) Flash point:

No applicable information is available.

(h) Evaporation rate:

No applicable information is available.

(i) Flammability (solid, gas):

No applicable information is available.

(j) Flammability or explosive limits:

No applicable information is available.

(k) Vapor pressure:

No applicable information is available.

(l) Vapor density:

No applicable information is available.

(m) Relative density:

No applicable information is available.

(n) Solubility(ies):

No applicable information is available.

(o) Partition coefficient: n-octanol/water:

No applicable information is available.

(p) Auto-ignition temperature:

No applicable information is available.

(q) Decomposition temperature:

No applicable information is available.

(r) Viscosity:

No applicable information is available.

## 10. Stability and reactivity

(a) Reactivity: N/A

(b) Chemical stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature (room temperature) and pressure.

(c) Possibility of hazardous reactions: Avoid contact with oxidizing agents and strong bases.

(d) Conditions to avoid (e.g., static discharge, shock, or vibration): Avoid storage in hot, unventilated areas.

(e) Incompatible materials: May react with oxidizing agents and strong bases.

(f) Hazardous decomposition products: Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

## 11. Toxicological information

(a) Likely routes of exposure: Skin/eye contact (localized irritation).

Skin/eye absorption (systemic).

Ingestion (systemic)

(b) Symptoms:

Calcium gluconate: No negative effects expected from the low concentration in this mixture.

Methylparaben: No negative effects expected from the low concentration in this mixture.

(c) Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Methylparaben: No negative effects expected from the low concentration in this mixture. Larger quantities of this ingredient might cause hypersensitivity after long term or repeated contact.

(d) Numerical measures of toxicity (such as acute toxicity estimates): N/A

(e) Chemical listed in the National Toxicology Program (NTP) Report on Carcinogens or found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, or by OSHA: N/A

**12. Ecological information**

No applicable information is available.

**13. Disposal considerations**

Dispose of in accordance with local, provincial and federal regulations.

**14. Transport information**

Avoid storage in hot, unventilated areas. Avoid contact with incompatibilities.

**15. Regulatory information**

USA – TSCA: All ingredients of this material are on the US TSCA Inventory or are exempt.

**16. Other information, including date of preparation or last revision**

The above data are offered in good faith as typical values, not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. The information contained in this form is based on data from sources considered technically reliable and has been prepared in good faith in accordance with the available material. It is provided as a service to the persons using the product but conditions of use and handling may involve other and additional considerations beyond the control of Calgonate Corp. Each user should review these recommendations in the specific context of intended use.

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