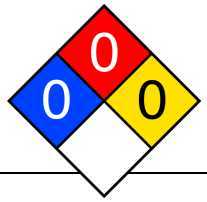
SAFETY DATA SHEET

Calgonate® Calcium Gluconate Gel, 2.5%





1. Identification

(a) Product identifier: Calgonate® Calcium Gluconate Gel, 2.5%

(b) Other means of identification: N/A

(c) Recommended use, restrictions on use: Topical application typically used in first aid response after contact with hydrofluoric acid to neutralize the effects of the acid; For external use only; Not for use in eyes.

(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
info@calgonate.com

(e) Emergency phone number: In event of emergency contact local poison control center.

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: **None**

(d) Ingredient with unknown acute toxicity ≥ 1%: **None**

NOTE: This product does not meet the criteria for classification in any hazard class according to regulations on classification, labelling, and/or packaging of substances and mixtures. This SDS is not legally required and is compiled for informational purposes only.

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 consult a physician.

5. Fire-fighting measures

(a) Suitable (and unsuitable) extinguishing media: Dry chemical, CO_2, foam, water.

Note: The product contains minimally combustible ingredients, but the risk of combustion is considered to be very low due to its high water content.

(b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products):

Carbon monoxide (CO) and carbon dioxide (CO_2)

(c) Special protective equipment and precautions for fire-fighters: None.

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. Gloves may be worn, but are not required, to clean up unwanted release of the material.

(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. Use product directly from tube, one tube per application, then safely discard.

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

Product will remain stable if stored in dry, room-temperature environment, i.e. between 15-30°C (59-86°F).
Possible incompatibilities: Alkalis, Strong Bases

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:	No applicable information is available.
(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 Alkalis, Strong Bases.
(d) Conditions to avoid:	Hot, unventilated areas; Ignition sources; Incompatible materials.
(e) Incompatible materials:	May react with Alkalis, Strong Bases.
(f) Hazardous decomposition products:	Carbon monoxide (CO) and carbon dioxide (CO_2).

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:
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. 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, regional, national, international regulations as may be specified.

14. Transport information

DOT HAZARD DESCRIPTION

Identification Number:	Not Applicable
DOT Hazard Classification:	Not Classified
Placard:	Not Required

IATA CLASSIFICATION

Identification Number:	Not Applicable
IATA Hazard Class/Division:	Not Applicable (Not Dangerous)

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.

Revision: 19 December 2019
Changes from the previous revision released on October 20, 2015 include Supplier information updates in Section 1, and minor updates throughout all sections for clarity and compliance to current SDS regulations.