

Issue Date: 31 January 2019

Version 08

SECTION 1. Identification of the Substance / Mixture and of the Company / Undertaking

Product Name: C Gel – Calcium Gluconate Gel 2.5%**Use:** The product is a water-based gel containing Calcium Gluconate used as emergency First Aid treatment for hydrofluoric acid burns on skin**Supplier:** Kays Medical Ltd.
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Section 2. Hazards Identification

Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

Do not use after expiry date. For external use only. Do not use in eyes. Product should not be applied to open wounds.

Keep out of reach from children.

Risk of slipping if the product is spilled on the floor.

Section 3. Composition / Information on Ingredients

Hazardous ingredient	Concentration	CAS	EINECS	Symbols/Risk Phrases
Hydroxyethylcellulose	1.00 – 10.00%	9004-62-0		R20, R36/38, R43, R68
Calcium Gluconate	1.00 – 10.00%	299-28-5	206-075-8	
Citric Acid	0.0 – 0.5%	77-92-9	201-069-1	Xi; R36
Potassium Sorbate	0.0 – 0.5%	24634-61-5	246-376-1	Xi; R36/38
Phenoxyethanol	0.5 – 1.0%	122-99-6	204-589-7	Xn; R22, R36

The product consists of a water-based gel containing calcium gluconate. Since this product is not classified as hazardous, the classification according to (EC) No 1272/2008 and its amendments is not applicable. The safety data sheets, in accordance with Annex II and Article 32 of EC Standard

19072006, shall not be provided to accompany non-hazardous products, and such information shall be provided as a courtesy to our clients.

Section 4. First Aid Measures

- Skin Contact:** In case of accidental contact with the skin, wash the skin thoroughly with water and soap. Consult a physician if irritation develops. The product is expected to be applied to the skin; however, if the gel is suspected of increasing the pain or discomfort, discontinue to use and treat accordingly.
- Eye Contact:** In case of contact with eyes, rinse with plenty of water for 10 – 15 minutes and seek medical attention.
- Ingestion:** Rinse mouth thoroughly with water. Seek medical attention. Do not induce vomiting unless directed by medical personnel.
- Inhalation:** Not a likely route of exposure to this type of product. Clear the blocked airway and move the patient away from the area at risk.

Section 5. Fire-fighting Measures

Flammability: The product is non-flammable. The product is water-based and will not ignite. It will generate steam if heated in a closed container.

The product contains minimally combustible ingredients, however, as it has a high-water content the risk of combustion is considered to be very low.

Extinguishing Media: Dry chemical, CO₂, foam.

Special Protective Equipment: None

Section 6. Accidental Release Measures

This product is considered to be stable between 2°C and 35°C.

- Personal precautions:** Wear suitable protective equipment. Keep unauthorised personnel away from the spill. Surfaces will become slippery if spilled. Provide adequate ventilation
- Environmental precautions:** Do not allow entry into drains, water courses or soil. If the product gets into drains, inform the relevant authorities immediately
- Method for cleaning up:** Absorb with inert, absorbent material. Place in appropriate containers, send for disposal, and wash the area with water.

Section 7. Handling and Storage:

Handling: No special precautions required, be aware that spillages will make floors slippery

Storage: Store between 2°C and 35°C

Section 8. Exposure Controls / Personal Protection

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Section 9. Physical and Chemical Properties

	Calcium Gluconate Gel
Appearance:	Viscous gel
Colour:	Clear
Odour:	To match standard (Isopropyl alcohol)
pH:	6.0 - 7.0
Viscosity:	80,000 – 150,000 cps (20°C, TBarE, 12rpm)
Specific Gravity:	1.0 – 1.03
Melting Point:	0°C
Flash Point:	Not flammable
Density:	11g/cm ³ (20°C)

Section 10. Stability and Reactivity

Store between 2°C and 35°C. Avoid strong oxidising or reducing agents.

Section 11. Toxicological Information

The product has been assessed as suitable for intended use. The product is not classed as intrinsically toxic. However, the following is suggested from the toxicological assessment:

Skin Contact: In case of accidental contact with the skin, wash the skin thoroughly with water and soap. Consult a physician if irritation develops. The product is expected to be applied to the skin; however, if the gel is suspected of increasing the pain or discomfort, discontinue to use and treat accordingly. (Localised irritation / systemic).

Eye Contact: In case of contact with eyes, rinse with plenty of water for 10 – 15 minutes and seek medical attention. (Localised irritation / systemic).

Ingestion: Rinse mouth thoroughly with water. Seek medical attention. Do not induce vomiting unless directed by medical personnel. (Systemic).

Inhalation: Not a likely route of exposure to this type of product. Clear the blocked airway and move the patient away from the area at risk.

Symptoms:

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

Section 12. Ecological Information

The raw materials used to manufacture this product conform to EEC requirements.

Do not allow to enter ground, waterways or sewage. Biologically degradable product, which could be degraded in biological treatment plants once diluted.

Section 13. Disposal Considerations

Dispose of in accordance with local, regional, national and international regulations.

Contents: Under conditions of expected use, the product should be disposed of at the end of its life into the normal domestic refuse system. No adverse effects are expected. Large quantities should be disposed of in accordance with local regulations.

Empty Packaging: Dispose of in accordance with local regulations. Product packaging maybe recycled where facilities are available.

Section. 14 Transport Information

There are no special transport precautions.

DOT Hazard Description: Not classified as hazardous

IATA: Not required, not classed as hazardous

IMDG: Not required,

UN Number: Not required

Section 15. Regulatory Information

The labelling of this product is done in accordance with EC directives 93/42 EC, BS EN ISO 15223:2016, and EN 1041:2008 + a1:2013. No specific labelling requirements are linked to this product.

Section 16. Other Information**Disclaimer:**

The information contained in this data sheet is to the best of our knowledge and belief accurate and is based upon our technical knowledge of the product at the date of issue. However, no warranty or representation, expressed or implied, is made as to its accuracy, reliability or completeness of the foregoing data and safety information.

This data sheet and the health, safety and environmental information it contains are considered to be accurate as of the date specified above. We have reviewed any information contained herein which we received from sources outside Kays Medical. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this material safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorisation given or implied to practice any patented invention without a valid licence.

Kays Medical shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the product.

Document Approval Record

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Kays Medical Limited - C-Gel - SDS
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