

Material Safety Data Sheet

Issue Date: 23-12-2014
Revision Number: 6

1. Identification of the Substance/Preparation

Product Name: C Gel – Calcium Gluconate Gel

Recommended Use: Emergency First Aid treatment for hydrofluoric acid burns on skin.

- Wear protective gloves to remove contaminated clothing
- Irrigate skin with high flow water for a maximum of 1 minute or alternative decontaminant solution
- Remove tub cap and seal
- Apply C-Gel liberally to burn and surrounding area, using appropriate gloves
- Massage into skin for 15 minutes after the pain is relieved, re-applying gel as required
- Transfer patient to hospital, continuing treatment

Caution: For external use only. Do not use in eyes. Keep out of reach of children. Discard open tubes after use. Store above 8°C and below 25°C. Do not use after expiry date shown above. This product should not be applied to open wounds.

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2. Hazards Identified

For external use only. Do not use in eyes. Keep out of reach of children. Discard open tubes after use. Store above 8°C and below 25°C. Do not use after expiry date shown above. This product should not be applied to open wounds.

Slip hazard when product spilled on floor.

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

4. First Aid Measures

Undiluted Products:

- EYE** Immediately wash out the eye with plenty of water for at least 10 minutes, holding the eye open. Seek medical attention if any soreness or redness persists.
- SKIN** Wash the skin thoroughly with water. Seek medical attention if any soreness or redness persists.
- INGESTION** If a large quantity is ingested seek medical attention.
- INHALATION** Not a likely route of exposure to this kind of product.

Diluted Products:

- EYE** Wash out the eye with plenty of water. Seek medical attention if any soreness or redness persists.
- SKIN** Wash the skin thoroughly with water. Seek medical attention if any soreness or redness persists.
- INGESTION** If a large quantity is ingested seek medical attention.
- INHALATION** Not a likely route of exposure to this kind of product

5. Fire Fighting Measures

The product will not support combustion

6. Accidental Release Measures

- Fire: Suitable Extinguishers – Carbon dioxide, Water, Dry powder or foam extinguisher.
- Personal Precautions: Wear suitable protective equipment. Keep personnel away from spill. Surfaces contaminated with this product will become slippery.
- Environmental Precautions: Do not allow entry to drains, water courses or soil. If the product gets into drains, inform the relevant authorities immediately.
- Method for Clean Up: Absorb with inert, absorbent material

7. Handling and Storage

- Handling: No special precautions required, except to be aware that spillages will make floors slippery.
- Storage: Store at above 5°C and below 30°C.

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.

9. Physical and Chemical Properties

	C Gel
Appearance:	Viscous gel
Colour:	Clear
Odour:	To match standard
pH	6.00 – 7.00
Viscosity	50 000 - 100 000 (20C, T Bar E, 12rpm)
SG	1.01 – 1.03
Microbiological assay:	<10cfu/ml

10. Stability and Reactivity

Avoid strong oxidising or reducing agents. Store at ambient temperatures.

11. Toxicological Information

The product has been assessed as suitable for intended use. However, the following is suggested from the toxicological assessment:

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12. Ecological information

The raw materials used to manufacture this product conform to EEC requirements. The other components of this product are either inert or are absorbed into sewage and sediments etc., or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

Product packaging may be recycled where facilities are available.

13. Disposal Considerations

Dispose of in accordance with local regulations.

Contents: Under conditions of expected use the product will 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 may be recycled where facilities are available.

14. Transport Information

There are no special transport precautions.

15. Regulatory Information

Labelling for this product is in accordance with EC directives. No specific labelling requirements are connected with this product.

16. Other Information

Ingredients:

<i>C Gel</i>
Calcium Gluconate 2.5%, Aqua, Hydroxyethylcellulose, Phenoxyethanol, Potassium Sorbate, Citric Acid.

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. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. Kays Medical will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendations.

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.

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