

MATERIAL SAFETY DATA SHEET
CALCIUM GLUCONATE GEL 2.5%
1. Identification of the Product and Company

Product Name:	CALCIUM GLUCONATE GEL 2.5%
Product Code:	CAL01466F
Other Names:	None allocated
Use:	To aid in the treatment of hydrofluoric acid burns.
Company Name & Contact Details	Drug Information Pharmacist ORION Laboratories Pty Ltd ABN 56 009 293 136 25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA Telephone (all hours): +618 9441 7800 FREE PHONE: 1800 805 546 FREE FAX: 1800 004 110 EMAIL: customerservice@orion.net.au; WEBSITE: www.orion.net.au ORION® is a registered trademark of Orion Laboratories Pty Ltd
Other Information	All reasonable care has been taken to ensure information and advice contained in this data sheet is accurate at time of printing. However, Orion accepts no liability for any loss or damages suffered as a consequence of reliance on the information contained herein.

2. Hazards Identification

Hazard Classification	This product is not hazardous or dangerous
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3. Composition/Information on Ingredients

Chemical Entity	CAS No:	Proportion
Calcium Gluconate	18016-24-5	2.5% w/w
Hydroxyethyl Cellulose	-	< 10% w/w
Methyl Hydroxybenzoate	94-13-3	< 10% w/w
Propyl Hydroxybenzoate	99-76-3	< 10% w/w
Propylene Glycol	57-55-6	10% w/w
Water	7732-18-5	to 100% w/w

4. First Aid Measures

Inhalation:	Move patient to fresh air.
Ingestion:	Give large quantities of water to drink to a conscious person. Seek medical attention.
Skin:	Wash area well with soap and water.
Eye:	Hold eyes open and flush with running water for at least 15 minutes.
Advice to Doctor:	Treat symptomatically. Reduce calcium intake to minimum and give large volumes of fluid to combat dehydration and reduce renal deposition of calcium.

5. Fire Fighting Measures

Extinguishing Media	Water fog, foam, carbon dioxide, dry chemical.
Hazards from Combustion products	On burning, may produce carbon monoxide and carbon dioxide.
Precautions & Equipment for Fire Fighters	Fire fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely.
Hazchem Code	None allocated

6. Accidental Release Measure

Contain using an absorbent (sand, sawdust, vermiculite) where appropriate. Collect and seal in properly labelled containers for disposal. Wash area down with excess water.
Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods.

7. Handling and Storage

Safe Handling Practices	Not hazardous for the purposes of transport and storage.
Storage	Store below 25°C.
Other Information	No data available

8. Exposure Controls; Personal Protection

Exposure Limits:	There are no known exposure standards for Calcium Gluconate Gel 2.5%, however that of its active ingredient, Calcium Gluconate, may be beneficial. LD ₅₀ (IV rat) 950mg/kg
	LD ₅₀ means a dose of a substance that produces death in 50 per cent of a population of experimental animals.
Engineering Controls	No special precautions necessary. Ensure adequate ventilation at all times.
Personal Protection	No special requirements.

9. Physical and Chemical Properties

Appearance / Odour:	A clear, viscous, colourless and odourless gel.
pH:	5.0 - 7.0
Vapour Pressure:	Not known
Vapour Density:	Not known
Viscosity:	30,000 - 100,000 cps
Boiling Point:	Not known
Freezing/Melting Point:	Not known
Solubility:	Miscible in water
Specific Gravity or Density:	Not known

10. Chemical Stability and Reactivity Information

Conditions Contributing to Instability	No data available
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11. Toxicological Information

Inhalation: No problems anticipated.
Ingestion: May cause gastric irritation, hypercalcemia.
Skin: No problems anticipated.
Eye: No problems anticipated.

12. Ecological Information

Mobility: No data available
Persistence and Degradability: No data available
Ecotoxicity: No data available

13. Disposal Considerations

Disposal Methods & Containers: Containers may be rinsed with water & re-cycled. Waste material may be incinerated under controlled conditions where permitted.
Special Disposal for Landfill or Incineration: Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods.

14. Transport Information

UN Number: None allocated
UN Proper Shipping Name: None allocated
DG Class & Subsidiary Risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

15. Regulatory Information

Not classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.

16. Other Information

References: ➤ *Martindale, The Extra Pharmacopoeia.*
 ➤ *MSDS Calcium Gluconate, C0384 05/14/03 J.T. Baker*

Checked by: Anna McLean	Date: September 2011
Approved by: Robert Kimpton	Date: September 2011

Date	Document	Superseded Document	Revision Information
September 2005	CAL00808S_3 September 2005	CAL00808S_2 August 2002	General review
September 2008	CAL00808S_04 September 2008	CAL00808S_3 September 2005	General review
September 2011	CAL00808S_05 September 2011	CAL00808S_04 September 2008	General review

END OF MSDS