

1. IDENTIFICATION

Product identifier: Calcium Gluconate Gel 2.5% (tube) 50g
Synonyms: 5000023555

Global Contact: Perrigo Company
Address: 515 Eastern Avenue
 Allegan, MI 49010 USA

Telephone number: +1 269-673-8451
Emergency telephone: +1 888-464-2986

Australian Contact: Perrigo Australia
Address: 25-29 Delawney Street
 Balcatta, Western Australia 6021 Australia

Telephone number: 1800 805 546
Emergency telephone: +1 760-476-3962 Code 333304
Poisons Information Centre: 13 11 26

New Zealand Contact: Orion Laboratories (NZ) Ltd
Address: PO Box 781
 Whangaparaoa, New Zealand

Telephone number: +618 9441 7800
Emergency telephone: +1 760-476-3962 Code 333304
National Poisons Centre: 0800 764 766

Recommended use: For treatment of hydrofluoric acid burns
Restrictions on use: None known.

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not Hazardous	Not Hazardous

Label Elements

Not hazardous in accordance with the GHS, the WHS Regulations and HSNO Regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration	Substance Classification
Calcium Gluconate	299-28-5	2.5%	Not classified
Non-Hazardous ingredients	Mixture	97.5%	Not classified

4. FIRST-AID MEASURES

Inhalation: No first aid is normally needed. If inhaled, remove person to fresh air. If irritation occurs or symptoms develop, get medical attention.

Skin contact: This product is intended for use on the skin. If irritation develops and persists, discontinue use and get medical attention. Remove and contaminated clothing and launder it before reuse.

Eye contact: Immediately flush eyes with water while lifting the upper and lower lids for several minutes. Remove contact lenses, if present and easy to do after 5 minutes of flushing, then continue flushing. Get medical attention if irritation persists.

Ingestion: Rinse mouth with water. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause mild eye and skin irritation.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention is not generally required.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use any extinguishing media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: Not flammable or combustible.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment as described in Section 8.

Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Stop spill at the source if it is safe to do so. Absorb with an inert material. Collect into a suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid eye contact.

Conditions for safe storage, including any incompatibilities: Protect containers from physical damage. Store below 25°C. Do not refrigerate.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Calcium Gluconate	None Established
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Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below occupational exposure limits.

Individual protection measures:

Calcium Gluconate Gel 2.5% (tube) 50g

Respiratory protection: None needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, an approved supplied air respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with applicable regulations and good Industrial Hygiene practice.

Skin protection: None required.

Eye protection: None required.

Other: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour, etc.): Clear, colourless, viscous liquid.

Odour: Odourless

Odour threshold: Not applicable	pH: 5.0-6.0
Melting point/freezing point: Not determined	Boiling Point: Not determined
Flash point: None	Evaporation rate: Not determined
Flammability (solid, gas): Not applicable	VOC: Not determined
Flammable limits: LEL: None	UEL: None
Vapour pressure: Not determined	Vapour density: Not determined
Relative density: Not determined	Solubility(is): Miscible in water
Partition coefficient: n-octanol/water: Not determined	Auto-ignition temperature: Not determined
Decomposition temperature: Not determined	Viscosity: 30,000 – 100,000cps (at 25°C)
Particle Characteristics: Not applicable	

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: Avoid heat.

Incompatible materials: None known.

Hazardous decomposition products: Thermal decomposition may yield carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: Inhalation of mists may cause minor irritation of the mucous membranes and upper respiratory tract.

Ingestion: Swallowing may cause gastrointestinal irritation.

Skin contact: No adverse effects are expected. May cause mild irritation in some individuals.

Eye contact: Contact may cause mild irritation with redness and tearing.

Chronic Effects: None known.

Acute Toxicity Values:

Calcium Gluconate: LD50 oral 10,000 mg/kg

Skin Corrosion/Irritation: Not classified.

Serious Eye Damage/Irritation: Not classified.

Respiratory Sensitization: Not classified.

Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or EU CLP.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (STOT) – single exposure: Not classified.

Specific Target Organ Toxicity (STOT) – repeated exposure: Not classified.

Aspiration Hazard: Not classified

12. ECOLOGICAL INFORMATION

Ecotoxicity values: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations. No specific disposal method is recommended.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
IMDG		Not regulated			No
IATA		Not regulated			No
ADG		Not regulated			No

Hazchem Code: Not applicable

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not scheduled

Australia Inventory: Drugs are not subject to the AICS.

New Zealand Inventory: Drugs are not subject to HSNO Act.

HSNO Number: Not Applicable

Agricultural Compounds and Veterinary Medicines Act 1997: Not applicable.

Montreal Protocol: Not applicable

Stockholm Convention: Not applicable

Rotterdam Convention: Not applicable

Basel Convention: Not applicable

International Convention on the Prevention of Pollution from Ships (MARPOL): Not applicable

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 0 Instability = 0
HMIS Rating: Health = 0 Flammability = 0 Physical Hazard = 0

SDS Revision History: New SDS

Date of preparation: 14 February 2023

Date of last revision: New SDS

Full Text of GHS Classification and H Phrases from Section 3:

H411 Toxic to aquatic life with long lasting effects.

List of Abbreviations or Acronyms:

ACGIH American Conference of Industrial Hygienists
ADG Australian Dangerous Goods
AICS Australian Inventory of Chemical Substances
AU Australia
EC Effective Concentration
EU European Union
GHS Globally Harmonized System of Classification and Labelling of Chemicals
HSNO Hazardous Substances and New Organisms
IARC International Agency of Research on Cancer
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
LC Lethal Concentration
LD Lethal Dosage
LEL Lower Explosive Limit
NTP National Toxicology Program
NZ New Zealand
OEL Occupational Exposure Limits
US OSHA United States Occupational Safety and Health Administration
PEL Permissible Exposure Limit
SDS Safety Data Sheet
STEL Short Term Exposure Limit
TWA Time-Weighted Average
UEL Upper Explosive Limit
VOC Volatile Organic Compounds
WES Workplace Exposure Standards
WHS Work Health and Safety

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