

Issue Date: 26/06/2024
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: ON2494

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Orion Calcium Gluconate Gel

Other Names: None allocated

Use: To aid in the treatment of hydrofluoric acid burns.

Other Information: All reasonable care has been taken to ensure information and advice contained in this data sheet is accurate at time of printing.

SECTION 2 HAZARD IDENTIFICATION

Hazards Identification: This product is not hazardous or dangerous

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO.	EC No.
Calcium gluconate	18016-24-5	2.5% w/w
Hydroxyethyl cellulose	9004-62-0	< 10% w/w
Methyl hydroxybenzoate	99-76-3	< 10% w/w
Propylene glycol	57-55-6	10% w/w
Water	7732-18-5	to 100% w/w

SECTION 4 FIRST AID MEASURES

Inhalation: Move patient to fresh air.

Ingestion: 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.

SECTION 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.

SECTION 6 ACCIDENTAL RELEASE MEASURES

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.

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SECTION 7 HANDLING AND STORAGE

Safe Handling Practices: Not hazardous for the purposes of transport and storage.

Storage: Store below 25°C.

SECTION 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. LD₅₀ (IV rat) 950mg/kg
LD₅₀ 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.

SECTION 9 PHYSICAL/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

SECTION 10 STABILITY AND REACTIVITY

Conditions Contributing to Instability: No data available

SECTION 11 TOXICOLOGICAL INFORMATION

Inhalation: No problems anticipated.

Ingestion: May cause gastric irritation, hypercalcemia.

Skin: No problems anticipated.

Eye: No problems anticipated.

SECTION 12 ECOLOGICAL INFORMATION

Mobility: No data available

Persistence and Degradability: No data available

Ecotoxicity: No data available

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SECTION 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.

SECTION 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

SECTION 15 REGULATORY INFORMATION

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

SECTION 16 OTHER INFORMATION

Reason for Revision: To bring to date.

END OF SDS