



# Material Safety Data Sheet

## 1 Identification of substance:

• **Product name:** CALCIUM GLUCONATE GEL

• **Stock number:** 183438

• **Manufacturer/Supplier:**

PPS Industries Limited  
86 Hugo Johnston Drive,  
Penrose,  
Auckland, New Zealand  
P.O.Box 12-823, Penrose, Auckland 1642  
Phone: 64 9 579-1001  
Facsimile: 64 9 579-9474  
Emergency Phone: 0800 657 894 Monday to Friday 8am-4pm  
Web Site: www.ppsindustries.co.nz

• **Emergency contact detail:**

For emergency only. During normal hours call PPS Industries office.

Organization	Location	Phone
National POSITION CENTER	New Zealand	0800 647-766
Chemcall 24/7 Emergency Response Service	New Zealand	0800 243-6225

## 2 Hazards identification

• **Hazard description:** This product is not classified as transport hazardous.

## 3 Composition/Data on components:

• **Chemical characterization:**

Description:	(CAS#)	Concentration	Hazardous
Calcium gluconate	527-07-1	2.5%	No
Xanthan gum	11138-66-2	<2.0%	No
Glycerine	56-81-5	<3.0%	No
Formaldehyde	50-00-0	0.5%	No
Water	7732-18-5	to 100%	No

## 4 First aid measures

**Ingestion:**

Wash out mouth with water, provided person is conscious. Get medical attention. Do not induce vomiting unless directed by medical personnel.

**Skin Contact:**

Flush exposed skin with copious amounts of water and soap. Consult a physician if irritation develops.

**Eye Contact:**

Flush with copious amounts of water for at least 15 minutes, holding the eyes open wide. Consult a physician.

## 5 Fire fighting measures

**Flammability of the Product:** May be combustible at high temperature.



**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>).

**Fire Hazards in Presence of Various Substances:**

Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

**Fire Fighting Media and Instructions:**

The product contains minimally combustible ingredients, however, as it has a high water content, the risk of combustion is considered to be very low. Means of extinction: Dry chemical, CO<sub>2</sub>, foam, water.

• **6 Accidental release measures**

- This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature (room temperature) and pressure. Avoid contact with oxidizing agents and strong bases.
- Methods for cleaning up/taking up: Take up with absorbent material (eg sand) Place in suitable containers and send for disposal.

• **7 Handling and storage**

- **Precautions:**  
This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature (room temperature) and pressure. Avoid contact with oxidizing agents and strong bases.
- **Storage:**  
This material is considered stable under normal storage temperature and pressure conditions. Store in a cool, well-ventilated area at room temperature.

• **8 Exposure controls and personal protection**

Appropriate engineering controls:  
Ventilation not normally required. No additional applicable information is available.

Individual protection measures, such as personal protective equipment: Protective gloves:  
Not normally required

Eye protection: Not normally required

Other protective equipment: Not normally required

• **9 Physical and chemical properties:**

- (a) Appearance (physical state, color, etc.): Colorless, aqueous viscous gel
- (b) Odor: Isopropyl alcohol
- (c) Odor threshold: No applicable information is available.
- (d) pH: 6.0-7.0



- (e) Melting point/freezing point: No applicable information is available.
- (f) Initial boiling point and boiling range: No applicable information is available.
- (g) Flash point: No applicable information is available.
- (h) Evaporation rate: No applicable information is available.
- (i) Flammability (solid, gas): No applicable information is available.
- (j) Flammability or explosive limits: No applicable information is available.
- (k) Vapour pressure: No applicable information is available.
- (l) Vapour density: No applicable information is available.
- (m) Relative density: No applicable information is available.
- (n) Solubility(ies): No applicable information is available.
- (o) Partition coefficient: n-octanol/water: No applicable information is available.
- (p) Auto-ignition temperature: No applicable information is available.
- (q) Decomposition temperature: No applicable information is available.
- (r) Viscosity: No applicable information is available.

• **10 Stability and reactivity**

- (a) Reactivity: N/A
- (b) Chemical stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature (room temperature) and pressure.
- (c) Possibility of hazardous reactions: Avoid contact with oxidizing agents and strong bases.
- (d) Conditions to avoid (e.g., static discharge, shock, or vibration): Avoid storage in hot, unventilated areas.
- (e) Incompatible materials: May react with oxidizing agents and strong bases.
- (f) Hazardous decomposition products: Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

• **11 Toxicological information**

- (a) Likely routes of exposure: Skin/eye contact (localized irritation). Skin/eye absorption (systemic). Ingestion (systemic)
- (b) Symptoms: Calcium gluconate: No negative effects expected from the low concentration in this mixture. Methylparaben: No negative effects expected from the low concentration in this mixture.
- (c) Delayed and immediate effects and also chronic effects from short- and long-term exposure: Methylparaben: No negative effects expected from the low concentration in this mixture. Larger quantities of this ingredient might cause hypersensitivity after long term or repeated contact.
- (d) Numerical measures of toxicity (such as acute toxicity estimates): N/A

• **12 Ecological information:**

No applicable information is available.

• **13 Disposal considerations**

Dispose of in accordance with local, provincial and federal regulations.

• **14 Transport information**



PPS INDUSTRIES LIMITED

Avoid storage in hot, unventilated areas. Avoid contact with incompatibilities.  
Non Hazardous chemical.

- **15 Regulations**

No applicable information is available.  
Certified Handler: Not Applicable  
Tracking : Not Applicable

- **16 Other information:**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

**Issue date:** 13/09/2021

**Review date:** 13/09/2026