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### **MATERIAL SAFETY DATA SHEET (SDS)**

**CALCIUM GLUCONATE GEL 2.5%** 

1. Identification of the Product and Company

Product Name: CALCIUM GLUCONATE GEL 2.5%

Other Names: HF Antidote Gel

Use: To mitigate the effect of hydrofluoric acid in skin

Company Name & Contact Details Attard's Minerals Inc.

5081 Field St.

San Diego, CA 92110 USA PHONE: 619 794 6875 EMAIL: attard@attminerals.com

Other Information All reasonable care has been taken to ensure information and suggestions

contained in this data sheet are accurate at time of writing. However, we accept no liability for any loss or damages suffered as a consequence of

reliance on the information contained herein.

2. Hazards Identification

Hazards Classifications This product is not hazardous except that if spilled it can cause falls due to it

making floors slippery. Clean up first with absorbent material then with water.

3. Composition / Information on Ingredients

**Chemical Entity** 

Calcium Gluconate 2.5% Water Methylparaben Propylparaben Hydroxyethyl Cellulose

4. First Aid Measures

Inhalation: Move Patient to fresh air and seek medical help

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 water for at least 10 minutes

Suggestion to Doctor Treat symptomatically

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# 5. Fire Fighting Measures

Extinguishing Media Would not burn due to high percentage of water

Hazards from combustion products

None allocated

Precautions & Equipment for Fire Fighters

None allocated

None allocated

None allocated

#### 6. Accidental Release Measure

Contain using an absorbent (sand, sawdust, vermiculite) where appropriate. Collect and seal in properly labeled containers for disposal. Wash area down with excess water to remove it completely because it is very slippery and can cause falls. 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 (store at controlled room temperature)

Other Information No data available

### 8. Exposure Controls; Personal Protection

Exposure Limits: No known exposure standardsfor Calcium Gluconate Gel 2.5%. Its

Active ingredient, Calcium Gluconate, has little if any toxicity  ${\rm LD}_{50}$ 

(IV rat) 950 mg/kg

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m 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.

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: Same as water depending on temperature Vapour Density: Same as water depending on temperature

 Viscosity:
 30,000 – 100,000 cps

 Boiling Point:
 Same as water ±5%

 Freezing / Melting Point
 Same as water ±5%

Solubility: Miscible in water
Specific Gravity or Density: Same as water ±5%

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10.	Chemical Stability and Reactivity Information		
Conditions Contributing to instability  No data available			
11.	Toxicological Information		
Inhalation: Ingestion: Skin: Eye:			No problems anticipated. May cause gastric irritation, hypercalcemia. No problems anticipated. No problems anticipated.
12.	Ecological Information		
Mobility: Persistenc Ecotoxicity	e and Degradability: :		No data available. No data available. No data available.
13.	Disposal Considerations		
Disposal Methods & Containers:			Containers may be rinsed with water & re-cycled. Waste material may be incinerated where permitted.
Special disposal for landfill or incineration:			Waste material may be incinerated where permitted. Refer to local waste management regulations for other approved methods.
14.	Transport Information		
	Shipping Name: Subsidiary Risk: oup:		None allocated None allocated None allocated None allocated None allocated
15.	Regulatory Information		
			Not classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.
16.	Other Information		
Reference		A A	Martindale, The Extra Pharmacopoeia. MSDS Calcium Gluconate, C3301 02042020.

Date: March 22 2024

Checked by: John Attard