

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name	Calcium Gluconate Gel
CAS number	See Section 3
Synonyms	HF Antidote Gel

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Laboratory Chemicals
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#### 1.3 Details of the supplier of the safety data sheet

Company	Lab Alley, LLC 12501 Pauls Valley Road Austin, Texas 78737 U.S.A.
Telephone	512-668-9918
Fax	512-886-4008

#### 1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

This product is not hazardous and this SDS is not legally required. It is for informational purposes only. Clean up first with absorbent material then with water.

#### 2.2 GHS Label elements, including precautionary statements

None required.

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None identified.

## SECTION 3: Composition/information on ingredients

### 3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Calcium Gluconate Monohydrate	-	18016-24-5	2.5% w/w
Hydroxyethyl Cellulose	-	9004-62-0	<2% w/w
Methyl Hydroxybenzoate	-	94-13-3	<2% w/w
Propyl Hydroxybenzoate	-	99-76-3	<1% w/w
Glycerin	-	55-81-5	<2% w/w
Water	-	7732-18-5	To 100% w/w

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

<b>General advice</b>	Show this sheet to a doctor if medical advice is needed.
<b>If inhaled</b>	If breathing is difficult, remove to fresh air. Seek medical attention if irritation persists.
<b>In case of skin contact</b>	Wash area with water.
<b>In case of eye contact</b>	Hold eyes open and flush with water for at least 10 minutes.
<b>If swallowed</b>	Give large quantities of water to drink to a conscious person. Seek medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

No additional information.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Would not burn due to high percentage of water. Use appropriate extinguishing media for surrounding fire.
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**Unsuitable extinguishing media**                      None identified.

## **5.2 Specific hazards arising from the substance or mixture**

None identified.

## **5.3 Special protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **5.4 Further information**

**Flash Point**                      No information available.

**Autoignition Temperature**                      No information available.

### **Explosion limits**

**Upper**                      No information available.

**Lower**                      No information available.

**Sensitivity to Mechanical Impact**                      No information available.

**Sensitivity to Static Discharge**                      No information available.

### **NFPA**

Health	Flammability	Instability	Physical hazards
0	0	0	N/A

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

No special requirements.

### **6.2 Environmental precautions**

Avoid release into the environment.

### **6.3 Methods and materials for containment and cleaning up**

Contain using an absorbent (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 slippery and can cause falls.

### **6.4 Reference to other sections**

See section 8 for personal protective equipment, see section 13 for proper disposal.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Not hazardous for the purposes of transport and storage.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities****Storage conditions**

Store below 25°C (store at controlled room temperature). Do not refrigerate or freeze or some material may crystallize out .

**Incompatibilities**

None known.

**SECTION 8: Exposure controls/personal protection****8.1 Occupational exposure limits**

No known exposure standards for Calcium Gluconate Gel 2.5%. Its Active ingredient, Calcium Gluconate, has little if any toxicity LD50 (IV rat) 950 mg/kg.

**8.2 Exposure controls****Appropriate engineering controls**

No special precautions necessary.

**Personal protective equipment****Eye/face protection**

No special requirements.

**Skin protection**

No special requirements.

**Body Protection**

No special requirements.

**Respiratory protection**

No special requirements.

**Control of environmental exposure**

No special requirements.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical State	Viscous gel
Appearance	Clear, colorless
Odor	Odorless

Odor Threshold	No additional information
pH	No additional information
Melting Point/Range	Same as water $\pm 5\%$
Boiling Point/Range	Same as water $\pm 5\%$
Evaporation Rate	No additional information
Flammability (solid)	No additional information
Flammability or explosive limit	
Upper	No additional information
Lower	No additional information
Vapor Pressure	Same as water depending on temperature
Vapor Density	Same as water depending on temperature
Density	Same as water $\pm 5\%$
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No additional information
Autoignition Temp	No additional information
Decomposition Temp	No additional information
Viscosity	30,000 – 100,000 cps
Molecular Formula	No additional information
Molecular Weight	No additional information
VOC Content(%)	No additional information
Oxidizing properties	No additional information

## 9.2 Other safety information

No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

### Product Information, Component Information

#### Acute toxicity

Component	LD50 IV	LD50 Dermal	LC50 Inhalation
Calcium Gluconate	(IV rat) 950 mg/kg.	-	-

#### Skin corrosion/irritation

No information available.

#### Serious eye damage/eye irritation

No information available.

#### Respiratory or skin sensitization

No information available.

#### Germ cell mutagenicity

No information available.

#### Carcinogenicity

No information available.

#### Specific target organ toxicity - single exposure

May cause gastric irritation, hypercalcemia.

#### Specific target organ toxicity - repeated exposure

No information available.

#### Reproductive toxicity

No information available.

#### Chronic effects

No information available.

## 11.2 Additional Information

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bio accumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste Disposal Methods

Containers may be rinsed with water & re-cycled. Waste material may be incinerated where permitted.

## SECTION 14: Transport information

### DOT (US)

UN Number	Not regulated
Proper Shipping name	Not regulated
Hazard Class	None
Packaging Group	Not regulated
Technical name	Calcium Gluconate Gel

### IMDG

UN Number	Not regulated
Proper Shipping name	Not regulated
Hazard Class	None
Packaging Group	Not regulated
Technical name	Calcium Gluconate Gel

### IATA

UN Number	Not regulated
Proper Shipping name	Not regulated
Hazard Class	None
Packaging Group	Not regulated
Technical name	Calcium Gluconate Gel

## SECTION 15: Regulatory information

## **US federal regulations**

### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not listed.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

### **SARA 304 Emergency release notification**

Not listed.

### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

## **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

### **SARA 302 Extremely hazardous substance**

Not listed.

### **SARA 311/312 Hazardous**

Not listed.

### **SARA 313 (TRI reporting)**

Not listed.

## **Other federal regulations**

### **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not listed.

### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not listed.

### **Safe Drinking Water Act**

Not listed.

### **FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

Not listed.

## **US state regulations**

### **US. Massachusetts RTK - Substance List**

Not listed.

### **US. New Jersey Worker and Community Right-to-Know Act**

Not listed.



**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed.

**California Proposition 65**

Not listed.

**SECTION 16: Other information**

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**SECTION 17: Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.