



ATRIAL SAFETY DATA SHEET

Date Prepared: 08/06/1996  
Date Reviewed: 08/06/1996

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Calcium Gluconate

General Use: Calcium Replenisher

MANUFACTURER

American Pharmaceutical Partners, Inc.

1101 Penimeter Drive

Schaumburg, IL 60173-5837

(647) 969-2700

EMERGENCY TELEPHONE NUMBER: (708) 450-7500

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component: Calcium D-Saccharate, Tetrahydrate

CAS Registry #: 5793-89-5

OSHA PEL: NE mg/m3

ACGIH TLV: NE mg/m3

STEL: NE mg/m3

Percent of Product: <1%

Note: % given as WV

Component: Calcium Gluconate

CAS Registry #: 299-28-5

OSHA PEL: NE mg/m3

ACGIH TLV: NE mg/m3

STEL: NE mg/m3

Percent of Product: 9.4%

Note: % given as WV

Component: Water for Injection

CAS Registry #: 7732-18-5

OSHA PEL: NE mg/m3

ACGIH TLV: NE mg/m3

STEL: NE mg/m3

Percent of Product: NG

Note: QS to volume

### 3. HAZARD IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE - Inhalation, Eye/Skin Absorption and Ingestion.

CHEMICAL LISTING AS CARCINOGEN:

COMPONENT

CAS No.

MTP IARC OSHA

Calcium D-Saccharate, Tetrahydrate

5793-89-5

Calcium Gluconate

299-28-5

Water for Injection

7732-18-5

NO NO NO

#### 4. EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Move person to fresh air immediately. Give artificial respiration and cardiopulmonary resuscitation (CPR) if required. Seek medical attention.

**INGESTION:** Flush mouth out with water immediately. Seek medical attention.

**SKIN CONTACT:** Remove contaminated clothing immediately. Flush area with water for at least 15 minutes. Seek medical attention.

**EYE CONTACT:** Immediately flush with water for at least 15 minutes. Seek medical attention.

For Adverse Drug Reaction Information call (708) 547-2372.

---

#### 5. FIRE FIGHTING MEASURES

Fire and Explosion Data:

Closed Cup Flash Pt. NE  
Open Cup Flash Pt. NE  
Fire Point NE  
Autoignition NE  
Lower Explosion Limit NE  
Upper Explosion Limit NE

**GENERAL HAZARD:** None

**FIRE FIGHTING INSTRUCTION:** Water spray, dry chemical, carbon dioxide or foam as appropriate.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** None.

---

#### 6. ACCIDENTAL RELEASE MEASURES

**CLEAN-UP:** Wear recommended personal protective equipment. Use absorbent towels or booms to clean-up spill. Wipe surfaces clean and wash with soap and water.

---

#### 7. HANDLING AND STORAGE

When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product.

Store below 40 °C (105 °F), preferably between 15 and 30 °C (59 and 86 °F).

Protect from freezing.

---

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Under indicated use, general room ventilation is usually satisfactory. Use local exhaust ventilation when necessary.

**PERSONAL PROTECTION:**

Respirators - With satisfactory ventilation, respiratory protection not usually required.

Eyes - Safety glasses or goggles recommended.

Gloves - Disposable latex gloves recommended.

Clothing - Disposable garments if direct skin contact is anticipated.

---

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor other characteristics: Clear, colorless, odorless solution.

Boiling Point: NE	Vapor Density: NE
Melting Point: 120° C	Percent Volatiles: NE
Freezing Point: NE	pH: 6.0-8.2
Vapor Pressure: NE	Molecular Weight: 430.42
Note:	Solubility: Hot Water

---

#### 10. STABILITY AND REACTIVITY

Stability - Stable.

Conditions/Materials to Avoid - Protect from freezing.

Hazardous Polymerization - Will not occur.

## 11. TOXICOLOGY INFORMATION

### SIGNS & SYMPTOMS OF OVEREXPOSURE MAY INCLUDE:

This product is intended for therapeutic use only when prescribed by a physician. Potential adverse reactions from prescribed doses and overdoses are described in the package insert. Occupational exposure has not been fully investigated.

**MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:** Pre-existing skin and respiratory conditions.

LD50: 950 mg/kg oral rat (Pertains to the active ingredient alone).

**IMMEDIATE EFFECTS:** Eye, skin and respiratory irritation may occur.

**DELAYED EFFECTS:** None Known

---

## 12. TRANSPORT INFORMATION

UN/NA Number: NA

DOT Hazard Class: NA

Shipping Name: NA

Shipping Label: NA

---

## 13. WASTE DISPOSAL

Waste Disposal - Waste product should be incinerated in accordance with federal, state and local regulations.

---

## 14. OTHER INFORMATION

### KEY TO ABBREVIATIONS:

ACGIH - American Conference of Governmental Industrial Hygienists

HEPA - High-Efficiency Particulate Air

IARC - International Agency for Research on Cancer

NA - Not Applicable

NE - Not Established

NG - Not Given

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

PPM - Parts Per Million

QS - Quantity Sufficient

RCRA - Resource Conservation and Recovery Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

---