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**SECTION 1: IDENTIFICATION**

Effective Date: 7/97

Product Name: **CALCIUM GLUCONATE**

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**SECTION 2: HAZARDOUS INGREDIENTS:**

No toxic effects are known to be associated with inhalation of dust. It is not likely to irritate human skin. Some itching and redness may occur with minor pain if eye contact occurs. Considered generally safe for ingestion.

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**SECTION 3: PHYSICAL DATA**

**Physical Data:**

Appearance and Odor:	white granules or powder, odorless
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water:(by weight)	59 g/ 100 ml @ 250°C
Melting Point:	1300°C
Vapor Density:	n/a

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**SECTION 4: FIRE AND EXPLOSION DATA**

**Fire and Explosion Information:**

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	water spray, foam, carbon dioxide, dry chemical
Fire Fighting Procedures:	wear self-contained breathing apparatus and protective clothing
Unusual Fire and Explosion Hazards:	none

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**SECTION 5: REACTIVITY DATA**

**Reactivity Data:**

Stable   X   Unstable           

Conditions to Avoid:	none
Hazardous Decomposition or byproducts: carbon	thermal decomposition results in carbon monoxide, dioxide and oxides of calcium
Hazardous Polymerization:	will not occur

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**SECTION 6: HEALTH HAZARD DATA**

Signs and symptoms of exposure: irritation of eyes, skin and respiratory tract

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

Spillage:	sweep or vacuum spill into containers for disposal according to local, state, and federal regulations
Disposal:	dispose of in approved disposal site according to local, state and federal regulations

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## **SECTION 8: FIRST AID PROCEDURES**

### **First Aid:**

<b>Eyes:</b>	Flush with water for 15 min. If itching or burning sensation develops, get medical attention.
<b>Skin:</b>	Change clothes and wash with soap and water
<b>Inhalation:</b>	Move to fresh air, give oxygen if breathing is difficult
<b>Ingestion:</b>	If conscious, give 2 glasses of water or milk

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**SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**

**Other Precautions:** Store in cool dry area. Keep container closed. Protect from damage. Cool containers exposed to flames with water spray. Wash with soap and water and change clothing after handling

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**SECTION 10: SPECIAL PROTECTION INFORMATION**

**Ventilation:** local exhaust  
**Eye Protection:** safety goggles  
**Protective Gloves:** impervious gloves  
**Respiratory Protection:** self-contained breathing apparatus  
**Other Protective Gear:** eyewash in work area

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**SECTION 11: TRANSPORT INFORMATION**

**DOT classification:** none  
**DOT pictograms:**