



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Calcium Glubionate

30-4832

Section 1: Identification

Product Name Calcium Glubionate
Commercial Name Calcium D-Gluconate Lactobionate Monohydrate
Product Use Not available.
Restrictions On Use Not available.
Product Code 30-4832
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760
In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.
CFR 1910.1200
Signal Word NON-HAZARDOUS
Hazard Statement(s) N/A
Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Calcium Glubionate
% By Weight 100
CAS# 12569-38-9
Molecular Weight 610.5
Chemical Formula C₂₄ H₄₂ Ca O₂₄ + C₁₂ H₂₂ Ca O₁₄, X H₂O
Synonym(s) D- Gluconic Acid ,Lactobionic Acid, Calcium Salt

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Calcium Glubionate	12569-38-9	100		

Section 4: First-Aid Measures

Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Skin Contact	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists
Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid
Ingestion	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use agent most appropriate to extinguish fire

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Dusts may be combustible when exposed to heat, flame, or oxidizing agents. Runoff from fire control or dilution water may cause pollution.

Section 6: Accidental Release Measures

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation

Section 7: Handling and Storage

Storage: 1.Keep container tightly closed

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility
Personal Protection	Eyes: Wear chemical safety goggles Skin: Wear appropriate protective gloves Clothing: Wear appropriate protective clothing Respirators: Wear NIOSH/MSHA approved respirator

Section 9: Physical and Chemical Properties

Appearance	White Crystalline or granular powder.		
Odor	odorless		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	6 to 8
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	> 170 deg C (> 338.00 deg F	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Soluble in water, Freely soluble in boiling water		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal temperatures and pressures.
Hazardous Polymerization	Has not been reported.
Conditions to Avoid	Incompatible materials, dust generation, excess heat, strong oxidants
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, calcium oxide.

Section 11: Toxicological Information**RTECS** N/A**Acute Toxicity**

Not available.

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not available.

Section 15: Regulatory Information**Regulations**

European/International Regulations: - European Labeling in Accordance with EC Directives Hazard Symbols: Not available
R-Phrases: Not available S-Phrases: 1.Avoid contact with skin. S24/25 Avoid contact with skin and eyes. 2.Avoid contact with eyes. WGK(Water Danger/Protection): CAS# 12569-38-9: 0 US Federal TSCA: CAS# 12569-38-9 is listed on the TSCA inventory

Other

Not available.

Section 16: Other Information

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