

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

Product Name: Calcium Gluconate Extra Pure

Product Code: 06234

Chemical Formula: $C_{12}H_{22}CaO_{14}$

CAS No.: 299-28-5

EC No.: 206-074-2

Manufacturer: LABOGENS Fine Chem Industry

Address: Rahon Road, Ludhiana – 141007, Punjab, India

Email: labogens@gmail.com

Customer Care No: +91-93167-77775

2. Composition / Information on Ingredients

Substance: Calcium Gluconate

Synonyms: Calcium D-gluconate, Calcium bis(D-gluconate)

Concentration: > 98%

CAS No.: 299-28-5

EC No.: 206-074-2

3. Hazards Identification

Classification: Not classified as hazardous under GHS

Hazard Statements: None

Precautionary Statements: Avoid inhalation and contact with eyes.

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4. First Aid Measures

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash with soap and water.

Eye Contact: Rinse immediately with water.

Ingestion: Rinse mouth, consult a physician.

5. Firefighting Measures

Suitable Extinguishing Media: Water spray, dry chemical, foam, CO₂

Protective Equipment: Use self-contained breathing apparatus.

6. Accidental Release Measures

Avoid dust formation. Sweep up and dispose in accordance with local regulations.

Wear protective gloves, goggles, and mask.

7. Handling and Storage

Handling: Avoid dust inhalation. Use protective equipment.

Storage: Keep container tightly closed in a dry, cool, well-ventilated place.

8. Exposure Controls / Personal Protection

Respiratory Protection: Required in dusty environments.

Hand Protection: Chemical-resistant gloves.

Eye Protection: Safety goggles.

Hygiene Measures: Wash hands after use.

CAS NO :-

9. Physical and Chemical Properties

Appearance: White crystalline powder

Odor: Odorless

Solubility: Soluble in water

pH (10% solution): 6.0 – 8.0

Melting Point: Decomposes before melting

10. Stability and Reactivity

Stability: Stable under normal conditions

Incompatible Materials: Strong acids, oxidizers

Hazardous Decomposition Products: CO, CO₂ under fire conditions

11. Toxicological Information

Acute Toxicity: LD50 (oral, rat): >5000 mg/kg

Carcinogenicity: Not classified as carcinogenic

Irritation: May cause slight irritation to eyes or respiratory tract

12. Ecological Information

Environmental Impact: No known significant effects or critical hazards.

Avoid release into environment.

13. Disposal Considerations

Dispose of in accordance with local, regional, and international regulations.

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CAS NO :-

14. Transport Information

UN Number: Not applicable

Transport Hazard Class: Non-hazardous

Packing Group: Not applicable

15. Regulatory Information

Not regulated as hazardous under international transport or chemical regulations.

16. Other Information

Prepared By: LABOGENS Fine Chem Industry

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Disclaimer: This MSDS is intended as a guide and is based on information available as of the date of issue.

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