

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND DOCUMENT IDENTIFICATION

Product Identity: 23% Calcium Gluconate **Product Code:** 23%CG, 136-50

Manufactured by: Radix Laboratories, Inc.
1334 International Drive
Eau Claire, WI 54701

Emergency Telephone: (800) 424-9300

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Contact: Radix Laboratories Inc.

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2. IDENTIFICATION OF SIGNIFICANT CHEMICAL COMPONENTS:

<u>Component</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>mg/mL</u>
Calcium Gluconate	299-28-5	Not Listed	Not Listed	230.0

3. FIRE/EXPLOSION HAZARDS:

Flash Point (Method Used): N/A (water based)

Flammable Limits: N/A

Extinguishing Media: Usual fire fighting equipment including self-contained breathing apparatus.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

4. FIRST-AID MEASURES:

Signs and Symptoms of Exposure: Irritating to skin, nasal and respiratory tracts, and eyes. Ingestion of large amounts may cause nausea/vomiting.

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedures:

SKIN: Wash with soap and water, remove contaminated clothing.

EYES: Flush with cold water for 15 minutes.

INGESTION: Seek medical attention immediately.

5. PRECAUTIONS FOR SAFE HANDLING AND USE:

Clean up of Released/Spilled Material: Ventilate area of spill, collect material for disposal. Wear protective equipment during clean up. After clean up, flush area with water.

Waste Disposal Method: Dispose as non-hazardous waste at facility operating in compliance with applicable federal, state and local regulations.

Handling and Storing Precautions: Store at room temperature. Avoid extremes in temperature. Handle to avoid breakage or spillage.

Other Precautions: Avoid contact with skin and eyes. Avoid ingestion.

6. EXPOSURE CONTROL MEASURES:

Respiratory Protection: Not normally required.

Ventilation: Local exhaust should be provided.

Protective Clothing or Equipment: Impervious gloves, goggles, lab coat or similar clothing.

Work/Hygienic Practices: Avoid contact with eyes, skin, mucous membranes. Avoid ingestion. Wash hands and face before eating, drinking or smoking.

7. PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: N/A

Specific Gravity (H₂O = 1): 1.24

Vapor Pressure (mm Hg): N/A

Melting Point: N/A

Vapor Density (Air = 1): N/A

Evaporation Rate: N/A
(Butyl Acetate = 1)

Solubility in Water: Complete if stored at 59-86F. Precipitates if chilled, can be resolubilized.

Appearance and Odor: Clear yellow liquid with little to no odor.

8. REACTIVITY INFORMATION:

Stability: Stable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: Will not occur

9. TOXICOLOGICAL HAZARD INFORMATION:

Route(s) of Entry: Ingestion, skin, eyes.

Health Hazards (Acute and Chronic): Irritation to skin/eyes may occur on contact. Ingestion may cause nausea/vomiting and cardiac arrest.

Carcinogenicity: None

Oral Rat LD50: Toxicity of 23% CG: 950 mg/kg (INV-RAT LD50).

Source: Oxford University 09/03.