

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND DOCUMENT IDENTIFICATION

Product Identity: Milk Fever Gel

Product Code: MF Gel, 064-30

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

Emergency Telephone: (800) 424-9300

Information Telephone: (715) 833-0644

Date Prepared: May 03, 2013

Contact: Radix Laboratories Inc.

Replaces issue of: N/A

Prepared By: Terry Krueger

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 Chloride | 10043-52-4 | N/A | N/A | 295 mg/ml |
| Sodium Hypophosphite | 10039-56-2 | N/A | N/A | 42 mg/ml |
| Magnesium Chloride | 7791-18-6 | N/A | N/A | 20 mg/ml |
| Potassium Chloride | 7447-40-7 | N/A | 10 mg/m ³ | 24 mg/ml |

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 may cause nausea/vomiting.

Medical Conditions Generally Aggravated by Exposure: If injected, cardiac problems

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. If vomiting is induced, have patient drink plenty of water (1Liter/100ml) or milk first to avoid tissue damage and risk to lungs. Induced vomiting should be supervised to minimize risk of aspiration.

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: 200°C

Specific Gravity (H₂O = 1): 1.36

Vapor Pressure (mm Hg): N/A

Melting Point: N/A

Vapor Density (Air = 1): N/A

Evaporation Rate: N/A

Solubility in Water: Complete

(Butyl Acetate = 1)

Appearance and Odor: White gel with anise 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: 1000 mg/kg