



# SAFETY DATA SHEET

GIBCO PRODUCTS INTERNATIONAL,  
INC.

Product name: GIBCO'S™ MRF (LIQUID-LIME™)

Issue Date:03/10/19

## 1. IDENTIFICATION:

**Product Name:** GIBCO'S™ MRF (LIQUID-LIME™)

**Product Code:** 36843

**Identified Uses:** Mortar and Plaster cement applications.

GIBCO Products International, Inc.

Company Phone Number: (918) 782-4000

Post Office Box 880

Chemical Emergency: 1-800-822-0802

Langley, OK 74350-0880

## 2. HAZARD IDENTIFICATION:

### GHS CLASSIFICATION:

Skin Sensitizer, Category 1

Skin Irritant, Category 2

Serious Eye Damage, Category 1

### GHS LABEL ELEMENTS:

Symbol(s)

Corrosive; Exclamation Mark

Signal Word

Danger

Hazard Statements

May cause allergic skin reaction

Causes skin irritation

Causes serious eye damage

Precautionary Statements

Prevention-

Avoid breathing mist/spray

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves and eye protection/face protection

Wash hands thoroughly after handling.

Response-

IF ON SKIN:

Take off contaminated clothing and wash it before reuse.

Wash with plenty of soap and water.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison control center or doctor/physician

Disposal-

Dispose of contents/container in compliance with all local and national regulations.

### 3. COMPOSITION INFORMATION:

This product contains modified rosin compounds suspended in an aqueous solution. Contains urea. The specific chemical identity and exact percentage of composition are withheld.

### 4. FIRST AID MEASURES:

**Eye Contact:** In case of contact with eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor/physician

### 5. FIRE FIGHTING MEASURES:

This product is an aqueous solution and will not burn. If the material is dehydrated it will exhibit most properties of rosin, which is can be combustible.

**Suitable extinguishing media:**

If product is involved in a fire, use carbon dioxide, dry chemical, foam, or water spray to extinguish the fire.

**Unsuitable extinguishing media:**

None are known.

Specific hazards in case of fire: None are known.

Special protective equipment and precaution for fire fighters:

Firefighters should wear self-contained breathing apparatus to prevent inhalation of fumes or smoke.

### 6. ACCIDENTAL RELEASE MEASURES:

**Personal Precautions:** Use personal protection appropriate to size of spill; see Section 8.

Environmental Precautions: Do not let spilled or leaking material enter waterways.

**Methods for Containment:**

Absorb spilled liquid in suitable material if small amount and dispose of properly. For large spills, dike to contain and pump into containers for use or disposal.

**Methods for Clean-Up:**

Clean up with water before allowing to dry.

## 7. HANDLING AND STORAGE:

### Precautions for Safe Handling:

Do not get in eyes. Avoid contact with skin. Use in well ventilated areas. Wash thoroughly after handling. Avoid breathing mist or vapors.

### Conditions for Safe Storage:

Store with containers of material compatible with this product in well ventilated area. Keep container closed when not in use. Product residue may remain in empty containers. Observe all label precautions until container is cleaned, reconditioned or destroyed. Do not freeze. Avoid brass and copper fittings. Keep away from acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

### Component Exposure Limits:

None established.

### Engineering Controls:

Provide adequate ventilation to maintain airborne contaminants at acceptable levels.

### Personal Protective Equipment Guidelines:

Eyes and Face Protection-Safety glasses with side shields. Where splash contact with product seems likely recommend the use of chemical safety goggles, plus a face shield.

Hand Protection- Chemical resistant gloves (nitrile, neoprene, or PVC are recommended).

Skin and Body- Where splash contact with product seems likely recommend the use of a chemical resistant coverall with hood and chemical resistant boots. Materials such as DuPont TyChem™ or equivalent is recommended based on degree of exposure.

Respiratory Protection- In confined spaces or if there is the potential for uncontrolled release, use a full-face, positive pressure, supplied air respirator. Air-purifying respirator may not provide adequate protection.

General Hygiene Considerations- Wash thoroughly after handling. Have eye-wash facilities and safety shower immediately available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Color:** Amber

**Odor:** Slight ammonia odor

**Odor Threshold:** Not available

**Physical State:** Liquid

**pH:** 10.0-11.0

**Freezing Point:** < 0C (<32F)

**Boiling Point:** c. 104C (c. 220F)

**Flash Point:** Non-flammable; Seta Closed Cup: > 93C (>200F)

**Evaporation Rate:** Similar to water

**Viscosity:** c.97 cP

**Flammability (solid, gas):** N/A

**Upper Flammability Limit:** N/A  
**Lower Flammability Limit:** N/A  
**Vapor Pressure:** Similar to water  
**Vapor Density:** Similar to water  
**Specific Gravity:** 1.11  
**Solubility (water):** Miscible  
**Auto-ignition Temperature:** No data  
**Percent Volatile, wt. %:** No data  
**Volatile Organic Compound (VOC) content, wt. %:** No data

## 10. STABILITY AND REACTIVITY:

**Stability:** Stable  
**Conditions to Avoid:** Freezing conditions (below 0C (32F)).  
**Incompatible Materials:** Strong acids. Strong oxidizing agents.  
**Hazardous Decomposition Products:** Products of combustion include carbon monoxide, carbon dioxide, water and oxides of nitrogen.  
**Possibility of Hazardous Reactions:** Will not occur.

## 11. TOXICOLOGY INFORMATION:

### ACUTE EFFECTS

Inhalation- May cause irritation.

Eye contact- May cause irritation (possibly severe), chemical burns, eye damage, and blindness.

### CHRONIC EFFECTS

Skin irritation- Liquid is a rosin at pH 10.0 to 11.0. Prolonged or repeated contact may cause drying/flaking of the skin and irritation and dermatitis.

Sensitization- May cause sensitization by skin contact.

Carcinogenicity- Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

Mutagenicity- No data.

Reproductive Effects- No data.

Developmental Effects- No data.

## 12. ECOLOGICAL INFORMATION:

### Persistency / Degradability

Degradation is expected under aerobic and anaerobic conditions.

## 13. DISPOSAL CONSIDERATION:

Treatment and disposal should be in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION:

This product is not subject to DOT, ICAO or IMDG regulations.

## 15. REGULATORY INFORMATION:

### Global Inventories

TSCA- United States included

DSL- Canada included

CWA 311- N/A

CERCLA/SARA- This product contains chemical, urea (CAS # 57-13-6) that is subject to reporting requirements under SARA Title III

### California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

## 16. OTHER INFORMATION:

	<u>Health</u>	<u>Fire</u>	<u>Physical Hazard/Reactivity</u>
<b>HMIS Ratings:</b>	2	0	0
<b>NFPA ratings:</b>	2	0	0

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**Prepared by:** GIBCO Products International, Inc.

### Key to Abbreviations and Acronyms:

ACGIH	-	American Conference of Governmental Industrial Hygienists
ANSI	-	American National Standards Institute
CEIL	-	Ceiling Value
CERCLA	-	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	-	Code of Federal Regulations
CWA	-	Clean Water Act
DOT	-	Department of Transportation
DSL	-	Domestic Substance List (Canada) Australia
FDA	-	Food and Drug Administration
HCS	-	Hazard Communication Standard
HMIS	-	Hazardous Materials Information System
IARC	-	International Agency for Research on Cancer
ICAO	-	International Civil Aviation Organization
IMDG	-	International Maritime Dangerous Goods Code
MSHA	-	Mine Safety and Health Administration

N/A	-	Not Applicable
NFPA	-	National Fire Protection Association
NIOSH	-	National Institute for Occupational Safety and Health
NTP	-	National Toxicology Program
OSHA	-	Occupational Safety and Health Administration
PEL	-	Permissible Exposure Limit (OSHA)
RCRA	-	Resource Conservation and Recovery Act
RQ	-	Reportable Quantity
SARA	-	Superfund Amendments and Reauthorization Act
STEL	-	Short Term Exposure Limit
TLV	-	Threshold Limit Value (recommended by ACGIH)
TPQ	-	Threshold Planning Quality
TSCA	-	Toxic Substance Control Act
TWA	-	Time Weighted Average

**DISCLAIMER:**

The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligation under any applicable federal or state laws.

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