

# RLF Leak Finder

MSDS# RLF Leak Finder

## Safety Data Sheet

November 2010

4 pages

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:**

Radiant Leak Finder

**Distributed By:**

Diversitech

6650 Sugarloaf Parkway, Duluth, GA, 30097

**Emergency Phone No.:** 1 800.255.3924 Chem-Tel (Chemical Emergencies)

**Phone (For Information):** 1+678.542.3600

**Date Revised:** 11/29/2010

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### 2. HAZARDS IDENTIFICATION

The toxicological properties of this product have not been fully tested. Analogous products are essentially non-toxic.

**Inhalation:** May irritate breathing passages

**Ingestion:** Swallowing may cause temporary discomfort, nausea, vomiting and diarrhea.

**Skin Contact:** Contact with skin can may cause irritation in sensitive individuals.

**Eye Contact:** Minor, temporary irritation of eyes on contact.

**Chronic Exposure:** Prolonged contact with skin may cause temporary irritation.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

### 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO	EINECS NO	%	Symbol	Risk Phrases
Propylene glycol	57-5-56	200-338-0	10-15	None	None
Disodium amphodipropionate	68298-20-4	269-546-7	0.5-1.0	Xi	R41
Coco Diethanolamide	120-40-1	204-393-1	1-2	None	None
TEA Dodecylbenzene Sulfonate	27323-41-7	248-406-9	1-2	Xi	R36/38

See Section 16 for explanation of R-phrases.

### 4. FIRST AID

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention.

**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation develops, get medical attention. Wash clothing before reuse.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally to irrigate the area behind the eyelids. Get medical attention if irritation persists.

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## 5. FIREFIGHTING MEASURES

**Flash Point:** None

**Explosion:** Will not explode

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

## 6. SPILL/ACCIDENTAL RELEASE MEASURES

Uncontaminated product may be recovered and used as directed. Product contaminated with hazardous material should be dealt with on the basis of the hazardous component(s).

## 7. HANDLING AND STORAGE

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of extreme heat, and incompatible materials. Observe all warnings and precautions listed for the product. Keep this and all chemicals out of the reach of children. Wash hands thoroughly after handling.

## 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

**Airborne Exposure Limits:**

**OSHA Permissible Exposure Limit (PEL):** N/A

**ACGIH Threshold Limit Value (TLV):** N/A

**WEL:** N/A

**Ventilation System:** A system of local and/or general exhaust is recommended to maintain fresh air.

**Personal Respirators (NIOSH Approved):** None suggested for normal use.

**Skin Protection:** Wear impervious gloves as necessary to minimize prolonged skin contact.

**Eye Protection:** Use chemical safety goggles and/or a full face shield as necessary where splashing is possible. Maintain eyewash fountain and quick-drench facilities or a source of running water in the work area.

**Work Hygienic Practices:** Use proper industrial hygiene practices to minimize exposure. Wash hands after handling this material, and before eating or smoking.

## 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: ~212°F

Vapor pressure (mm Hg): 2.3 kPa (@20°C)

Vapor Density (Air = 1): 0.62

Solubility in water: Dispersible

Appearance and odor: Odorless, syrupy, yellow liquid.

Specific gravity (H<sub>2</sub>O = 1): 1.01

Melting Point (Pour Point): ~32°F

Evaporation Rate (Water = 1): ~1

pH of 5% solution: 8-9

## 10. STABILITY and REACTIVITY DATA

**Stability:** Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:** May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Strong oxidizers

**Conditions to Avoid:** Excessive heat, freezing and incompatible materials.

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## 11. TOXICOLOGY INFORMATION

**NTP Carcinogen:** Not listed

**Toxicological Information :** No data for mixture

**Inhalation :** Mists may irritate the respiratory system.

**Ingestion:** Not toxic by ingestion.

**Skin :** May irritate skin

Ocular application extremely irritating in rabbits.

**Other Health Effects :** None reported.

**Medical Considerations:** None suggested for mixture.

## 12. ECOLOGICAL INFORMATION :

### **Basis for Assessment**

All components are biodegradable

**Ecotoxicological Data:** No data for mixture

**Ecological Information :** No data or mixture.

**Bioaccumulation:** Does not bioaccumulate significantly.

**Degradability:** Potentially biodegradable.

**Mobility:** Dispersible in water..

**Other Adverse Effects** Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential. Product is a mixture of components which are not expected to be released to air in any significant quantities.

## 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations.

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. TRANSPORTATION INFORMATION

**US DOT:** None

**ADR/RID Transport Information** Not dangerous for transport under ADR/RID, IMO and IATA/ICAO regulations.

**ADR/RID Class** None Allocated

**ADR/RID Packing Group** None Allocated

**IMDG Hazard Class** None Allocated

**IMDG Packing Group** None Allocated

**ADNR Class** None Allocated

**ADNR Item** None Allocated

**IATA Hazard Class** None Allocated

**IATA Packing Group** None Allocated

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## 15. REGULATORY INFORMATION



Irritant

**Risk phrases:**

R 36/38 Irritating to eyes and skin

**Safety phrases:**

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**US EPA**

**Comprehensive Environmental Response Compensation and Liability**

**Act of 1980** (CERCLA) requires notification of the National Response Center of release quantities of Hazardous Substances is not required for this material.

**Superfund Amendments and Reauthorization Act of 1986** (SARA) Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required for quantities below 250 pounds.

**Superfund Amendments and Reauthorization Act of 1986** (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

**Toxic Substances Control Act** (TSCA) Status: The ingredients of this product are on the TSCA inventory.

**Poison Schedule: WHMIS:**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**EC Classification:** Not classified

**EU:** Not classified

## 16. OTHER INFORMATION:

**NFPA Ratings:** Health: 1 Flammability: 0 Reactivity: 0

**Risk Phrases:**

R 36/38 Irritating to eyes and skin

R41 Risk of serious damage to eyes

**Label Hazard Warning:**

Caution, Mild irritant

**Label Precautions:**

Avoid contact with eyes.

Do not take ingest.

Keep out of reach of children.

**Label First Aid:**

None

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement