

SDS# RLF-8  
Date: June 2015

Total Pages: 6

# Radiant Leak Finder

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Radiant Leak Finder  
**Catalog Number:** RLF-8  
**Manufactured by:** DiversiTech Corporation  
6650 Sugarloaf Parkway  
Duluth, GA 30097

**Information Phone No:** 1+678-542-3600  
**EMERGENCY Phone No.:** 1+800.434.9300 Chem-Tel (Chemical Emergencies Only)  
**Date Revised:** 06/01/2015  
**Prepared by:** V. Leone

## SECTION 2. HAZARDOUS IDENTIFICATION

### GHS Classification:

Skin Irritation Category 3  
Eye Irritation Category 2B  
Carcinogen Category 2  
Specific Target Organ Toxicity- Single Exposure Category 3  
Specific Target Organ Toxicity- Repeat Exposure Category 2

### Label Elements:



**Signal Word** Warning!

### Hazard Statement(s)

H305	May be harmful if swallowed and enters airways
H316	Causes mild skin irritation.
H320	Causes eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

### Precautionary Statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P232	Protect from moisture.
P233	Keep container tightly closed.
P235	Keep cool.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash thoroughly after handling.
P280	Wear rubber or nitrile protective gloves/protective clothing, and goggles or face shield for eye protection/face protection.
P285	In case of inadequate ventilation, wear respiratory protection.
P308	IF exposed or concerned: Consult medical advice or attention
P309	IF you feel unwell: Consult medical advice or attention

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## SECTION 2. HAZARDOUS IDENTIFICATION (cont.)

- P301 IF SWALLOWED: Immediately drink 3 or 4 glasses of water followed by a large glass of citrus juice. Do not induce vomiting. Call a physician immediately.
- P302 IF ON SKIN: Flush affected area with water for 15 minutes or until skin no longer feels slick. If irritation, consult a physician.
- P304 IF INHALED: Remove person to fresh air. If unconscious or if breathing does not return to normal within a few minutes, contact a physician immediately.
- P305 IF IN EYES: Flush eyes with running water for at least 15 minutes while lifting lids periodically. Call a physician without delay.
- P402 Store in a dry place.
- P403 Store in a well-ventilated place.
- P501 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

### HMIS III Ratings:

#### HMIS III®

Health	1
Flamability	0
Physical Hazard	0
Personal Protection	B

## SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
Disodium amphodipropionate	68298-20-4	269-546-7	0.5-1.0	H319: Causes serious eye irritation.	Category 2A
Coco Diethanolamide	68603-42-9	271-657-0	1-2	H302: Harmful if Swallowed	Category 4
				H315: Causes skin irri. H319: Causes serious Eye irritation.	Category 2 Category 2A
TEA Dodecylbenzene Sulfonate	27323-41-7	248-406-9	1-2	H302: Harmful if swallowed	Category 4
				H315: Causes skin irri. H319: Causes serious Eye irritation.	Category 2 Category 2A
Propylene glycol	57-55-6	200-338-0	5-10	H316: Causes mild skin Irritation. H320: Causes eye irri.	Category 3 Category 2B

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**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 immediately.

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## SECTION 4. FIRST AID MEASURES (cont.)

**Skin Contact:** Wash with soap and water. Rinse with copious amounts of fresh, running water. If irritation persists, get medical attention.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### 4.2. Signs and Symptoms of Exposure:

**Inhalation:** May irritate breathing passages.

**Ingestion:** Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhea.

**Skin Contact:** Substance does not generally irritate and is only mildly irritating to the skin.

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

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

## SECTION 5. FIREFIGHTING MEASURES

**Suitable and Unsuitable Extinguishing Media:** This product is not flammable. Use any means suitable for extinguishing surrounding fire.

**Special Equipment and Precautions for Fire-Fighters:** 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.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

**Methods and Material for Containment and Clean-Up:** 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).

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children. Avoid contact with eyes and skin. Avoid inhalation of vapors and mists. Wash thoroughly after handling.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Airborne Exposure Limits:** Not available.

### Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):** Not required for normal use in accordance with label directions.

**Skin Protection:** Use rubber, neoprene or nitrile gloves to minimize skin contact.

**Eye Protection:** Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.



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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (cont.)

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear syrupy yellow liquid

**Odor:** Odorless

**Odor Threshold:** Not established

**pH @ 25°C of 5% soln.:** 8.0-9.0

**Melting Point (Pour Point):** ~32°F

**Boiling Point:** ~212°F

**Flash Point:** None

**Freezing Point:** Not applicable

**Evaporation Rate (Water = 1):** ~ 1

**Flammable Limits:** Not applicable

**LEL:** N/A

**UEL:** N/A

**Vapor pressure (mm Hg):** ~ 2.3kpa at 20°C

**Vapor Density (Air = 1):** 0.62

**Specific gravity (H<sub>2</sub>O = 1):** 1.010

**Solubility in water:** Dispersible

**Octanol/Water Partition Coefficient:** Not available

**Autoignition Temperature:** Not available

**Decomposition Temperature:** Not available

## SECTION 10. STABILITY AND REACTIVITY

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

**Possibility of Hazardous Reactions:** Will not occur.

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

**Incompatible Materials:** Strong oxidizers.

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

## SECTION 11. TOXICOLOGICAL INFORMATION

**Potential Health Effects:**

**Inhalation:** May irritate breathing passages

**Ingestion:** Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhea.

**Skin Contact:** Substance does not generally irritate and is only mildly irritating to the skin.

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

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

**Carcinogenic effects:** None known.

**Teratogenicity/Reproductive toxicity:** None known.

**Mutagenic effects:** None known.

# Radiant Leak Finder

## SECTION 11. TOXICOLOGICAL INFORMATION (cont.)

### Numerical Measures of Toxicity:

**Coco Diethanolamide:** skin-rbt 300 µL MOD  
Eye-rbt 100 µL SEV  
Oral-rat LD50: 12, 400 µL/kg

**Propylene glycol:** skin-hmn 500 mg/7D MLD  
Eye-rbt 100 mg MLD  
Dni-mus-scu 8000 mg/kg  
Cyt-mus-scu 8000 mg/kg  
lpr-mus TDLo:100 mg/kg (15D preg): TER  
Oral- chd TDLo:79 g/kg/56 W-I: CNS,BRN

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Aquatic:** Not available

**Persistence and Degradability:** Potentially biodegradable

**Bioaccumulative Potential:** Does not bioaccumulate significantly

**Mobility in Soil:** 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.

**Other:** For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

## SECTION 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.

## SECTION 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

# Radiant Leak Finder

## SECTION 15. REGULATORY INFORMATION

### 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.

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

### WHMIS:

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

**EC Classification:** Not classified

**EU:** Not classified

## SECTION 16. OTHER INFORMATION

**Revision Summary:** All Sections: New GHS Format

*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.*