

1. Identification**Product Identifier**

Leak Detection Dye

Other Means of Identification

R-134A, R1234YF, 04798219AB, 04798219AC

Recommended Use of the Chemical

Please see label for instructions on use

Restrictions on Use

None known

Manufactured ByDiversiTech Corporation
3039 Premiere Parkway
Suite 600
Duluth, GA 30097**Information Phone Number**

1 800.995.2222

Emergency Phone Number1 800.255.3924 Chem-Tel
(For Chemical Emergencies)**2. Hazard Identification****Classification of the Chemical**Eye Irritation, category 2a
Skin Irritation, category 2
STOT-Single Exposure, category 3 (respiratory irrit)
Toxic to Reproduction, category 1b**Signal Word**

Danger

Hazard Symbol(s)**Hazard Statement(s)**Suspected of damaging fertility or the unborn child
Causes serious eye irritation
Causes skin irritation
May cause respiratory irritation**Hazard(s) Not Otherwise Classified**

None known

0% of this chemical consists of ingredient(s) of unknown acute toxicity**Note**

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions

Precautionary Statement(s)Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves and eye protection
Wash hands thoroughly after handling
Store locked up
Store in a well-ventilated place
Keep container tightly closed
Specific treatment (see FIRST AID section on this label)
Avoid breathing vapors
Use only outdoors or in a well-ventilated area
Dispose of container in accordance with local regulationsIF EXPOSED OR CONCERNED: Get medical advice
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice
IF ON SKIN: Wash with plenty of water
If skin irritation occur: Get medical advice
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell

3. Information on Ingredients

Ingredient	CAS No.	wt%	GHS Classification(s)
1-Methyl-2-pyrrolidinone	872-50-4	40-60	Repro Tox 1b; Skin Irrit 2; Eye 2a; STOTSE 3(resp)

Trade Secret Claim

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions

Note

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user

4. First Aid Measures**General First Aid Measures**

If medical attention is required due to exposure then be sure to take product label and/or safety data sheet when seeking medical care

Most Important Symptoms (both acute and delayed)

None known

Indication of Immediate Medical Attention

Not anticipated to require immediate medical attention

If Inhaled

Move person to fresh air and keep comfortable for breathing. Administer artificial respiration if person is not breathing and seek medical attention

If on Skin

Wash with soap and water. Take off contaminated clothing and wash it before reuse

If in Eyes

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If Swallowed

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water

5. Fire-Fighting Measures**Suitable Extinguishing Media**

Use water spray, carbon dioxide, sand, powder extinguisher, or dry chemical

Unsuitable Extinguishing Media

None known

Specific Hazards

None known

Special Protective Equipment

Not determined

Precautions for Fire-Fighters

Not determined

Hazardous Combustion Products

None known

6. Accidental Release Measures**Personal Precautions**

Avoid contact with skin and eyes

Protective Equipment

Use appropriate chemical-resistant gloves and eye protection

Emergency Procedure(s)

Remove non-emergency personnel from the area in an orderly fashion

Methods for Clean Up

Collect material in a properly labeled container and mark as waste

Methods for Containment

Cover drains and ventilate area to prevent vapor build up

References

See Section 7 for information on safe handling. Section 8 for information on personal protection equipment. Section 13 for disposal information

7. Handling and Storage**Precautions For Safe Handling**

Avoid contact with skin, eyes, and clothing. Keep container tightly closed

Storage Incompatibilities

Strong oxidizing agents and acids

Conditions for Safe Storage

Keep cool in a well-ventilated place. Keep tightly sealed in original container. Store away from direct sunlight and other sources of heat

8. Exposure Controls**Ingredient**

1-Methyl-2-pyrrolidinone

CAS No.

872-50-4

PEL

n/a n/a

AGCIH

n/a

NIOSH**General Note**

Practice good industrial hygiene by washing hands and exposed skin thoroughly after handling

Appropriate Engineering Controls

Ensure adequate mechanical ventilation

Eye/Face Protection

Wear goggles or another form of chemically resistant eye protection

Skin Protection

Wear gloves suitable for chemical protection

Respiratory Protection

Wear respiratory equipment if mechanical ventilation isn't possible

Environmental Protection

No anticipated protective equipment is required

9. Physical and Chemical Properties

Appearance	Amber liquid	pH	Not determined
Odor	Not determined	Solubility	Very low
Odor Threshold	Not determined	Upper Explosive %	Not determined
Melting Point	Not determined	Lower Explosive %	Not determined
Boiling Point	396°F	Relative Density	Not determined
Flash Point	203°F	Partition Coefficient	Not determined
Evaporation Rate	Not determined	Decomposition Temp	Not determined
Flammability	Not determined	Auto-Ignition	Not determined
Vapor Pressure	Not determined	Viscosity	Not determined
Vapor Density	Not determined		

10. Stability and Reactivity

Reactivity Not anticipated to be reactive	Incompatible Materials None known
Chemical Stability Chemical is anticipated to be stable in normal storage conditions	Conditions to Avoid Not determined
Hazardous Reactions None known	Hazardous Decomposition Products None known

11. Toxicological Information

Acute Toxicity Estimates Oral – Contains no ingredient(s) considered toxic Dermal – Contains no ingredient(s) considered toxic Inhalation – Contains no ingredient(s) considered toxic	Aspiration Hazard Not applicable
Skin Corrosion/Irritation Not applicable	Carcinogenicity Not applicable
Eye Damage/Irritation May cause eye irritation	Specific Target Organ Toxicity Single Exposure – May cause respiratory irritation Repeated Exposure – Not Applicable
Sensitization Respiratory – Not applicable Skin – Not applicable	Symptoms Related to Characteristics Not determined
Reproductive Toxicity Suspected of damaging fertility or the unborn child	Delayed and Immediate Effects from Short- and Long-Term Exposure Not determined
Germ Cell Mutagenicity Not applicable	

National Toxicology Program Listing

No ingredient listed

International Agency for Reach on Cancer Listing

No ingredient listed

12. Ecological Information**Ecotoxicity**

Algae – Contains no ingredient(s) considered toxic

Fish - Contains no ingredient(s) considered toxic

Crustacea - Contains no ingredient(s) considered toxic

Mobility in Soil

Not determined

Persistence and Degradability

Not determined

Bioaccumulative Potential

Not determined

Other Adverse Effects

None known

13. Disposal Considerations**Disposal of Empty Containers**

Please recycle container with a licensed recycling company

Disposal of Full or Partially Full Containers

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures

14. Transportation Information**Hazard Placard**

Not a regulated mixture

UN Number

Not a regulated mixture

LTD Qty

Not a regulated mixture

UN Shipping Name

Not a regulated mixture

Hazard Class

Not a regulated mixture

Packaging Group

Not a regulated mixture

Environmental Hazard

No

Transport in Bulk

Not determined

Special Precautions

Do not ship with excessive weight on top. Keep in original container

15. Regulatory Information**SARA 311/312** 1-Methyl-2-pyrrolidinone**SARA 313** Not applicable**TSCA Inventory List**

Each ingredient is on the TSCA inventory list as ACTIVE or EXEMPT

Right-To-Know

1-Methyl-2-pyrrolidinone

California

Prop65 Not listed

ARB Designation Not applicable

VOC Limit Not applicable

Issuing Date March 3, 2015

Revision Date June 28, 2021

Version 2

HMIS®III (higher numbers indicate higher risk)

Health	2
Flammability	0
Physical Hazard	0

NFPA® (higher numbers indicate higher risk)

Health	2
Flammable	0
Instability	0

16. Other Information**Revision Date** June 28, 2021**General Disclaimer**

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process

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