

# MATERIAL SAFETY DATA SHEET

## Enviro-Safe™ Fuel Treatment

### SECTION 1 – IDENTIFICATION

Company: Enviro-Safe Refrigerants, Inc.  
400 Margaret Street  
Pekin IL 61554  
309-346-1110

Product Name:  
Proper Shipping Name:

Enviro-Safe™ Fuel Treatment  
Consumer Commodity, ORM-D

CHEMTREC – TOLL FREE 24 HOUR EMERGENCY TELEPHONE NUMBER  
1-800-424-9300

### SECTION 2 – PHYSICAL DESCRIPTION AND/OR PROPERTIES

|                      |  |                   |        |
|----------------------|--|-------------------|--------|
| Appearance/Odor:     | Blue in color – Alcohol                      | Physical State:   | Liquid |
| Odor Threshold:      | Very light viscous liquid, alcohol-type odor | Specific Gravity: | 0.80   |
| Solubility in water: | 70% soluble                                  | Evaporation Rate: | 2.14   |
| Freezing Point:      | N/A  | Boiling Point:    | 189°F  |
| Vapor Density:       | (air=1): 2.40                                | pH:               | N/A    |
| Vapor Pressure:      | (mmJg) 104 @ 38°F                            |                   |        |

### SECTION 3 – FIRE OR EXPLOSION HAZARD

Auto Ignition Temperature: n/a

Flashpoint: 62°F                      Lower Flammable Limit (LEL): 2%                      Upper Flammable Limit (UEL): 12%

Extinguish Media: Foam, CO<sub>2</sub>, dry chemical

Special Fire Fighting Procedures: Use water spray to cool fire-exposed surface and to protect personnel.

Unusual Fire and Explosion Hazards: Respiratory protection (NIOSH approved) for fire fighting personnel. Cool with water; no unusual products of combustion.

### SECTION 4 – INGREDIENTS

| <u>Hazardous Ingredients</u> | <u>%</u> | <u>Cas Number</u> | <u>LD50</u> | <u>P.E.L.</u> | <u>ACGIH TLV UNITS</u> |
|------------------------------|----------|-------------------|-------------|---------------|------------------------|
| Ethyl Alcohol                | >10      | 64-17-5           |             | 1000          | 1000                   |
| Aliphatic Alcohol            | >10      | 67-63-0           |             | 400 ppm       |                        |
| Aliphatic Hydrocarbons       | >5       | 8008-20-6         |             |               |                        |
| Petroleum Naphtha            | >5       | 8030-30-6         |             |               |                        |

This product does not contain any chemical listed as a carcinogen or mutagen by OSHA, IARC Monographs or the National Toxicology Program; does not contain any ozone depleting substances or heavy metals and complies with the RCRA Clean Air Act of 1991.

### SECTION 5 – REACTIVITY DATA

Chemical Stability: This material is chemically stable under normal conditions.

Conditions To Avoid: Flammable, avoid ignition source.

Incompatible Materials: Organic acids, oxidizing agents, polymerizable esters, alkylene oxides, hydrogen with palladium.

Decomposition Products: None

Hazardous Polymerization: Will not occur.

Conditions To Avoid: None known.

## SECTION 6 – HEALTH HAZARD

Inhaled/Asphyxiant: Vapor irritates nose and throat.

Ingestion: May cause depression of central nervous system.

Eye Contact: Vapor irritates eyes.

Skin Contact: Prolonged contact may irritate the skin.

## SECTION 7 - FIRST AID

Inhaled: Remove exposed person to fresh air and ventilate area.

Eyes: Flush eyes with large quantities tepid water for 15 minutes and call a physician if irritation persists.

Skin: Wash with soap and water.

Ingestion: In case of accidental ingestion, do NOT induce vomiting, seek immediate medical attention. Never give anything by mouth to an unconscious person.

## SECTION 8 - SAFE HANDLING

Spills: Eliminate ignition source. Prevent liquid from entering sewers, watercourses or low areas. Adequately ventilate area. Recover free liquid by pumping or use a suitable absorbent (vermiculite).

Waste Disposal Method: Dispose of product in accordance with local, county state, and federal regulations.

Storage, Handling, Shipping: Keep container closed until ready for use. Store in a cool, well-ventilated area. Store away from heat, spark, flame and/or static discharge. Do NOT store above 120° F.

Other Precautions: Do not store or handle in temperatures above 120°F.

## SECTION 9 -PERSONAL PROTECTION

Work/Hygienic Practices: Use usual, good hygienic practices; wash thoroughly after use.

Eyes: Wear safety chemical safety glasses with side shields and/or goggles.

Gloves: Chemical resistant

Other protective clothing: Usually not needed.

Respiratory Protection: If ventilation of the area is not adequate use a NIOSH approved respirator to prevent overexposure by inhalation.

## SECTION 10 -PREPARATION

Enviro-Safe Refrigerants, Inc., 400 Margaret, Pekin, IL 61554

Telephone: 309-346-1110

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All information provided for this MSDS sheet by Enviro-Safe Refrigerants, Inc. is offered in good faith and is believed to be accurate to the best knowledge of the preparation analyst. The information contained in this document is based on documentation provided by the supplier and other documentation/information available at the date of preparation. Enviro-Safe does not guarantee the accuracy of this document and this information is offered without warranty, guarantee or liability on the part of the preparation analyst in good faith.