

# MATERIAL SAFETY DATA SHEET

## Enviro-Safe™ Power Steering Flush

### SECTION 1 – IDENTIFICATION

**Company:**

Enviro-Safe Refrigerants, Inc.  
400 Margaret  
Pekin IL 6154  
309-346-1110

Product Name: Enviro-Safe Power Steering Flush  
Proper Shipping Name: 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:	Translucent liquid, mild fragrance, light petroleum odor	Physical State:	
Odor Threshold:	N/A	Specific Gravity:	0.8
Coeff. Water/Oil Dist.:	N/A	Evaporation Rate:	N/D
Freezing Point:	N/D	Boiling Point:	330° F
Vapor Density: (est.)	(air=1): 4.66	pH:	N/A
Vapor Pressure:	(mm Hg): 4	Evaporation Rate:	0.14
Solubility in Water:	Insoluble		

### SECTION 3 – FIRE OR EXPLOSION HAZARD

Auto Ignition Temperature: N/A

Flashpoint and method used: 120°F PMCC

Lower Flammable Limit (LEL): 1.0% Volume in Air

Upper Flammable Limit (UEL): 10.0% v 01

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

Hazardous Combustion Products: N/A

Sensitivity to Static Discharge: N/A

Explosion Data: Avoid all ignition sources, i.e. flames and sparks

Fire and Explosion Hazard: Avoid all ignition sources, i.e. flames and sparks

Special Fire Fighting Procedures: Do not enter confined fire space without proper equipment, including NIOSH-approved, self-contained, breathing apparatus.

### SECTION 4 – INGREDIENTS

<u>Hazardous Ingredients</u>	<u>Cas Number</u>	<u>%</u>	<u>P.E.L.</u>	<u>ACGIH TLV UNITS</u>
Mineral Oil, Petroleum	64742-52-5	30-40	500 ppm	5 mg/m <sup>3</sup>
Petroleum Distillates	8052-41-3	30-40	100 ppm	None
Petroleum Naphtha	8008-20-6	30-40		NIOSH-100 mg/m <sup>3</sup>

### SECTION 5 – REACTIVITY DATA

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: Open flames and sparks

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION/BY PRODUCTS: CO, CO<sub>2</sub>, Halogens and other hydrocarbons if combustion is not complete.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None Known

## **SECTION 6 – HEALTH HAZARD**

Route(s) of Entry: Inhalation: Yes Skin: Limited Ingestion: Yes

### **HEALTH HAZARDS-ACUTE TOXICOLOGICAL PROPERTIES:**

Eyes: Can cause irritation, redness, tearing and/or blurred vision

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and/or diarrhea

Skin: Long term exposure may cause irritation, dermatitis and de-fatting

CARCINOGENICITY - OSHA: No NTP: 2 IARC Monographs: 1

SIGNS AND SYMPTOMS OF EXPOSURE: Headache, nausea, and vomiting from inhalation or concentrated vapors; eye irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and digestive disorders

### **EMERGENCY AND FIRST AID PROCEDURES:**

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician if irritation persists

Skin: Wash thoroughly with soap and water

Inhalation of combusted fumes: Remove exposed person(s) to fresh air

Ingestion: CALL A PHYSICIAN. Do NOT induce vomiting. Never Give anything by mouth to an unconscious person.

## **SECTION 7 - FIRST AID**

### **EMERGENCY AND FIRST AID PROCEDURES:**

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician if irritation persists

Skin: Wash thoroughly with soap and water

Inhalation of combusted fumes: Remove exposed person(s) to fresh air

Ingestion: CALL A PHYSICIAN. Do NOT induce vomiting. Never Give anything by mouth to an unconscious person.

## **SECTION 8 - SAFE HANDLING/PERSONAL PROTECTION**

RESPIRATORY PROTECTIONS: If TLV is exceeded, use a NIOSH-approved respirator with organic filter.

VENTILATION: Local exhaust – only if TLV level is exceeded

Mechanical exhaust (general) – none

Special exhaust – none

Other adequate ventilation – none

PROTECTIVE GLOVES: Neoprene

EYE PROTECTION: Chemical safety goggles and , if handled while hot, full face shield

OTHER PROTECTIVE EQUIPMENT/CLOTHING: None

WORK/HYGENIC PROCEDURES: As Always, use good hygienic practice; wash thoroughly after use.

## **SECTION 9 – CONTROL MEASURES**

STEPS TO BE TAKEN IN THE EVENT MATERIAL IS RELEASED OR SPILLED: Protect the area from all ignition sources and flame. Recover free liquid. Do not discharge into streams or the sewer. Absorb with dirt, sand or vermiculite.

WASTE DISPOSAL METHOD: Dispose of according to all Federal, State and Local regulations. Treat as a petroleum oil.

PRECAUTIONS FOR HANDLING AND STORING: Keep the container closed until ready for use. Keep away from feed and all food products. Protect from all ignition and flame sources.

OTHER PRECAUTIONS: Do not store in temperatures above 130° F. Never expose the empty drum or containers to flames, welder, or cutting tools that create spark. Do not use the empty drum for other chemicals.

## **SECTION 10 – NFPA RATING**

HEALTH: 2

FIRE: 2

REACTIVITY: 0

SPECIAL: 0

## **SECTION 11 -PREPARATION**

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