



# SAFETY DATA SHEET

Issue Date 4/19/2016

Revision Date 4/19/2016

Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name:** Enviro Safety Solvent

**Other means of identification**

**Product code:** F-803

**Synonyms:** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Industrial Solvent

**Uses advised against:** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**

FRONTIER PERFORMANCE LUBRICANTS INC  
 PO BOX 1777  
 LODI, CA 95241  
 Phone: (800)-807-4496  
 Fax: (209)-334-6408

**Emergency telephone number**

**Emergency Telephone:** PERS (800)-633-8253

## 2. HAZARDS IDENTIFICATION

**Product Signal Word:** WARNING

**Physical Hazard Classification:** Flammable Liquid, Category 4

**WARNING**

**Physical Hazard Precautionary Statements**

- Combustible liquid.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep cool.
- Wear protective gloves/protective clothing/eye protection/face protection.
- In case of fire: Contact authorities, avoid breathing fumes and smoke.
- Use appropriate media to extinguish.
- Store in a well-ventilated place.
- Dispose of contents/container in accordance with local regulations.

**Health Hazard Classification(s)**

Acute Toxicity - Oral - Level 5	Warning
Acute Toxicity - Dermal - Level 5	Warning
Acute Toxicity - Inhalation - Level 5	Warning
Skin Corrosion/Irritation -Level 3	Warning
Eye Damage/Irritation -Level 2B	Warning
Aspiration Hazard - Level 2	Warning



**Health Hazard Statements**

- Wash hands and exposed areas thoroughly after handling.
- IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Call a POISON CENTER/doctor/physician if you feel unwell.
- Do NOT induce vomiting.
- If skin irritation occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Store locked up.

Dispose of contents/container in accordance with local regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% Range		PEL	TLV
HYDROTREATED LIGHT PETROLEUM	64742-47-8	60%	90%	100 ppm	100 ppm
D-LIMONENE DISTILLATE	5989-27-5	10%	40%	NOT ESTABLISHED	NOT ESTABLISHED

Specific chemical identity and exact percentages are withheld as Trade Secret.

### 4. FIRST AID MEASURES

Wash hands and exposed areas thoroughly after handling.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Call a POISON CENTER/doctor/physician if you feel unwell.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

**GENERAL**

This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.

**EYE CONTACT  
SKIN CONTACT**

Slightly irritating but does not injure eye tissue.

Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

**INHALATION**

High vapor/aerosol concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

**INGESTION**

Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity.

**FIRST AID**

**EYE CONTACT**

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN CONTACT**

Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.

**INHALATION**

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

**INGESTION**

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

**PRECAUTIONS**

**SPECIAL PRECAUTIONS**

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

**PERSONAL PROTECTION**

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

**VENTILATION**

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

### 5. FIRE-FIGHTING MEASURES

**GENERAL HAZARD**

Combustible liquid, can form combustible mixtures at temperatures at or above the flash point. Static Discharge, material can accumulate static charge which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT cut, weld, braze, solder, drill or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

**FIRE FIGHTING**

Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or

surface to ignition sources where they may ignite or explode.

**6. ACCIDENTAL RELEASE MEASURES**

<b>LAND SPILL</b>	Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting notify the National Response Center. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping or with a suitable absorbent. Consult an expert on disposal regulations.
<b>WATER SPILL</b>	Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulation.

**7. HANDLING AND STORAGE**

Store locked up.

<b>VENTILATION REQUIREMENT</b>	Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.
<b>RESPIRATORY PROTECTION</b>	Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.
<b>EYES</b>	Face shield and goggles or chemical goggles should be worn.
<b>GLOVES</b>	Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.
<b>OTHER CLOTHING EQUIPMENT</b>	Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.
<b>RESPIRATORY PROTECTION</b>	In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Wash hands and exposed areas thoroughly after handling.

<b>VENTILATION REQUIREMENT</b>	Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.
<b>RESPIRATORY PROTECTION</b>	Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.
<b>EYES</b>	Face shield and goggles or chemical goggles should be worn.
<b>GLOVES</b>	Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.
<b>OTHER CLOTHING EQUIPMENT</b>	Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.
<b>RESPIRATORY PROTECTION</b>	In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Flash Point (CCP)</b>	>142°F
<b>Boiling Point for Product</b>	339°F
<b>Vapor Pressure for Product</b>	2
<b>Vapor Density for Product</b>	4.7
<b>Specific Gravity</b>	.85
<b>V.O.C</b>	761 g/l
<b>Water Solubility</b>	Miscible
<b>Appearance</b>	Light Yellow
<b>PH</b>	N/D

**10. STABILITY AND REACTIVITY**

<b>STABILITY</b>	Stable
<b>CONDITIONS TO AVOID</b>	Temperatures above 130 degree F.
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur
<b>MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY</b>	Strong oxidizing agents
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None

**11. TOXICOLOGICAL INFORMATION**

**HYDROTREATED LIGHT PETROLEUM DISTILLATES 64742-47-8**

Acute oral toxicity	LD50: >15,000 mg/kg
Acute dermal toxicity	LD50: >3,160 mg/kg

May cause mild, short-lasting discomfort to eyes. Mildly irritating to skin with prolonged exposure. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

**D-LIMONENE DISTILLATE 5989-27-5**

Acute oral toxicity	LD50: >5,000 mg/kg (rabbit)
Acute dermal toxicity	LD50: >1,000 mg/kg (rabbit)
Acute inhalation toxicity	LD50: >5,000 mg/kg (mouse)

**12. ECOLOGICAL INFORMATION**

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "\*\*\*". Additional ecological information is Not Determined.

**13. DISPOSAL CONSIDERATIONS**

Dispose of contents/container in accordance with local regulations.

**WASTE DISPOSAL METHOD** Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

**14. TRANSPORT INFORMATION**

**DOT Proper Shipping Name** (not regulated)

**15. REGULATORY INFORMATION**

	<b>CAS#</b>	<b>PEL</b>	<b>TLV</b>
<b>HYDROTREATED LIGHT PETROLEUM</b>	64742-47-8	100 ppm	100 ppm
<b>D-LIMONENE DISTILLATE</b>	5989-27-5	NOT ESTABLISHED	NOT ESTABLISHED

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "\*\*\*"

**16. OTHER INFORMATION**

<b>Issue Date</b>	4/19/2016
<b>Revision Date</b>	4/19/2016
<b>Revision Note</b>	Not applicable

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.