



# SAFETY DATA SHEET

## Ultra-Pure®

### SECTION 1

### PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Ultra-Pure®  
**Synonyms:** Lamplight Ultra-Pure® Paraffin Lamp Oil, TIKI® Ultra-Pure® Paraffin Fuel  
**Recommended use:** Indoor lighting (Lamplight), Outdoor lighting (TIKI)  
**Restriction on use:** Use only as directed

**Manufacturer:** Lamplight Farms Inc.  
**Address:** 4900 N. Lilly Road  
 Menomonee Falls, WI 53051

**Telephone:** 1-888-473-1088  
**Emergency Call:** Prosar 1-800-308-7141

### SECTION 2

### HAZARDS IDENTIFICATION

**CLASSIFICATION:**  
 ASPIRATION HAZARD - Category 1

**LABEL:**  
**Pictogram:**



**Signal Word:** Danger

**Hazard Statements:**  
 May be fatal if swallowed and enters airways.

**Precautionary Statements:**  
**Prevention:** Avoid breathing vapor. Wash hands thoroughly after handling

**Response:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. 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 attention.

**Storage:** Keep away from heat, sparks and open flame. Keep container tightly closed.  
**Disposal:** Dispose of contents and container in accordance with local and national regulations.

### SECTION 3

### COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous Substance(s) or Complex Substance(s) required for disclosure**

Name	CAS#	Concentration*
C14-16 Normal Paraffins	90622-46-1	100%

\* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

Concentration values may vary.

#### SECTION 4 FIRST AID MEASURES

##### INHALATION

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

##### SKIN CONTACT

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

##### EYE CONTACT

Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

##### INGESTION

Seek immediate medical attention. Do not induce vomiting.

##### NOTE TO PHYSICIAN

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

#### SECTION 5 FIRE FIGHTING MEASURES

##### EXTINGUISHING MEDIA

**Appropriate Extinguishing Media:** Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

**Inappropriate Extinguishing Media:** Straight Streams of Water

##### FIRE FIGHTING

**Protective equipment and precautions for firefighters** In the event of fire, wear self-contained breathing apparatus.

**Further information** Keep containers and surroundings cool with water spray.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

##### Methods and materials for containment and cleaning up

Evacuate the area and eliminate all sources of ignition. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

#### SECTION 7 HANDLING AND STORAGE

**Safe handling advice** Ensure all equipment is electrically grounded before beginning transfer operations.

**Storage/Transport pressure** Ambient

**Load/Unload temperature** Ambient, above freezing point. (Product will freeze at 4°C)

#### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

##### ENGINEERING MEASURES

Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

##### PERSONAL PROTECTIVE EQUIPMENT

**Eyes** Wear as appropriate: Goggles, Face-shield

**Skin** Wear suitable protective clothing, gloves and eye/face protection.

**Inhalation** Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

## EXPOSURE GUIDELINES

Contains no substances with occupational exposure limit values. Supplier recommends an internal limit of 5 mg/m<sup>3</sup> (8-hour TWA) for exposure to mists of this product.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Note:** Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications.

### GENERAL INFORMATION

**Physical State:** Liquid  
**Form:** Liquid  
**Color:** May be clear, red, blue or green  
**Odor:** Mild Petroleum Solvent hydrocarbon  
**Odor Threshold:** Not Available

### IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

**Vapor Density:** 7.1  
**Specific Gravity (at 15.6 °C):** 0.768  
**Flash Point, Closed cup:** 244°F (118°C)  
**Boiling Range:** 478°F (248°C) - 544°F (284°C)  
**Flammable Limits (Approximate volume % in air):** LEL: 0.5 UEL: 4.7  
**Autoignition Temperature:** 400°F (204°C)  
**Decomposition Temperature:** Not Available  
**Viscosity:** 2.4 – 2.5 cSt at 40 °C  
**Vapor Pressure:** <0.1 mm Hg (room temperature)  
**Evaporation Rate (n-butyl acetate = 1):** Not Available  
**pH:** Not Available  
**Solubility in Water:** Negligible  
**Freezing Point:** 39°F (4°C)  
**Melting Point:** Not Available

## SECTION 10 STABILITY AND REACTIVITY

**Reactivity** Stable at normal ambient temperature and pressure.

**Chemical stability** No decomposition if stored and applied as directed.

**Conditions to avoid** Keep away from heat and sources of ignition.

**Hazardous decomposition products** Hazardous gases and vapors produced in fire are oxides of carbon.

**Materials to avoid** Oxidizing agents

**Hazardous polymerization** Stable

## SECTION 11 TOXICOLOGICAL INFORMATION

**Acute dermal toxicity:** LD50 rabbit: > 2,000 mg/kg  
**Acute inhalation toxicity:** LC50 rat (4 hours): > 5.8 mg/l

**Acute oral toxicity:** LD50 rat: > 2,000 mg/kg

**Skin corrosion/irritation:** Repeated exposure may cause skin dryness or cracking (rabbit)

**Eye damage/irritation:** Primary irritation (rabbit): 1 hours, 5.7(Max. score is 110.) (unwashed eyes), Not irritating

**Respiratory or skin sensitization:** no data available

**Germ cell mutagenicity: Genotoxicity in vitro:** no data available. **Genotoxicity in vivo:** no data available.

**Assessment Mutagenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** no data available. **Assessment Reproductive toxicity:** Based on available data, the classification criteria are not met **Teratogenicity:** No data available. **Assessment teratogenicity:** Based on available data, the classification criteria are not met

**STOT - single exposure:** No data available

**STOT - repeated exposure:** No data available

**Carcinogenicity: Assessment carcinogenicity:** Based on available data, the classification criteria are not met

<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
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**Aquatic toxicity** Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.

**Toxicity to fish** LL50 (Pimephales promelas (fathead minnow)) 96 hours:  
In the range of water solubility not toxic under test conditions.

**Toxicity to aquatic invertebrates** EL50 (Ceriodaphnia Dubia (water flea)) 192 hours:  
In the range of water solubility not toxic under test conditions.

**Toxicity to algae** no data available

**Biodegradation** Readily biodegradable.  
OECD Test Guideline 301F (28 d): 82 %  
Test substance: LINPAR 1417

**Bioaccumulation** no data available

**Mobility in soil** no data available

**Other adverse effects** no data available

<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**Waste Code** Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements.

**Disposal methods** Dispose of only in accordance with local, state, and federal regulations.

**Empty containers.** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

<b>SECTION 14</b>	<b>TRANSPORT INFORMATION</b>
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**DOT** Not regulated.

**IATA** Not regulated.

**IMDG** Not regulated.

<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
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**U.S. FEDERAL REGULATIONS**

**OSHA Hazards (HCS 1994)**

Non-hazardous substance

**TSCA Inventory Listing**

**Components**

**CAS-No.**

Alkanes, C14-16

90622-46-1

**SARA 302 Status**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Classification**

Non-hazardous substance

**SARA 313 Chemical**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

None

**INTERNATIONAL REGULATIONS**

**WHMIS Classification**

WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria

**STATE REGULATIONS**

California Prop 65:

Warning: This product and combustion products emitted while burning contain chemicals known to the state of California to cause cancer, birth defects or reproductive harm.

**SECTION 16 OTHER INFORMATION**

**HAZARD RATINGS**

	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard/ Instability</u>
<b>HMIS®</b>	1	1	0
<b>NFPA</b>	1	1	0

1/10/2002

Rev 1.Document created.

6/28/2002

Rev 2. Added Emergency numbers (Prosar) and Non emergency contact number.

1/9/2007

Rev 3.Revised sections: 1,2,5,7,9,10,11,14,15

5/13/15

Rev 4. Revised to GHS format. All sections updated.