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

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS#</th>
<th>Concentration*</th>
</tr>
</thead>
<tbody>
<tr>
<td>C14-16 Normal Paraffins</td>
<td>90622-46-1</td>
<td>100%</td>
</tr>
</tbody>
</table>

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.
### 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 (CO2) |
| 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
**SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES**

**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**
- Melting Point: Not Available
- Freezing Point: -39°F (4°C)
- Solubility in Water: Not Available
- pH: Not Available
- Viscosity: 2.4 – 2.5 cSt at 40 °C
- 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
- Vapor Pressure: <0.1 mm Hg (room temperature)
- Evaporation Rate (n-butyl acetate = 1): Not Available
- Color: May be clear, red, blue or green

**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
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

SECTION 12 ECOLOGICAL INFORMATION

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

SECTION 13 DISPOSAL CONSIDERATIONS

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.

SECTION 14 TRANSPORT INFORMATION

DOT Not regulated.
IATA Not regulated.
IMDG Not regulated.

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
OSHA Hazards (HCS 1994)
Non-hazardous substance

TSCA Inventory Listing

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkanes, C14-16</td>
<td>90622-46-1</td>
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</tbody>
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**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**

<table>
<thead>
<tr>
<th>HAZARD RATINGS</th>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
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</thead>
<tbody>
<tr>
<td>HMIS®</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>NFPA</td>
<td>1</td>
<td>1</td>
<td>0</td>
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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.