



Lamplight Farms, Inc.  
 4900 N. Lilly Road  
 Menomonee Falls, WI 53051  
 1-800-645-5267  
 (262) 781-9590



**LAMPLIGHT ULTRA-PURE<sup>®</sup> LAMP OIL<sup>™</sup>**

Filename: MSDS Ultra Pure Rev 3.doc

Revision Date: 1/9/07  
 Revision 3

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ULTRA PURE<sup>™</sup> LAMP OIL  
 SYNONYMS: Normal Paraffin, Paraffinic Hydrocarbons, LC3

MANUFACTURER: Lamplight Farms  
 ADDRESS: 4900 North Lilly Road, Menomonee Falls, WI 53051  
 (800) 645-5267 262-781-9590 (8:00 AM- 4:30 PM CST) M-F

**EMERGENCY NUMBER: 1-800-308-7141 (Prosar)**  
 For non-emergency and all other information call: 1-800-645-5267

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS Number</u>	<u>Weight %</u>
C5-20 Paraffins	64771-72-8	100 %

See Section 8 for Exposure Guidelines and Section 15 for OSHA Classification

## 3. HAZARDS IDENTIFICATION

**Emergency Overview**  
 Water white, oily liquid. Mild hydrocarbon odor.  
**HEALTH HAZARD: MAY CAUSE EYE OR SKIN IRRITATION.** High vapor concentrations may cause headache, stupor, dizziness, or irritation of throat and eyes

### **Potential Health Effects**

EYES: Irritation may occur with exposure to concentrated vapors or contact with product.

SKIN: Repeated or prolonged contact can cause redness, irritation, and scaling of the skin (dermatitis). Normal care and personal hygiene should prevent skin effects.

INHALATION: Exposure to high concentration of vapors may result in headache and stupor.

INGESTION: Lung exposure to this product either by prolonged breathing of a mist or vomiting following ingestion, can lead to serious lung injury and possibly death.

(See section 11 for Toxicological Information).



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**4. FIRST AID MEASURES**

- EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
- SKIN:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash affected area with mild soap. Call a physician if irritation occurs.
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Oxygen should only be administered by trained personnel.
- INGESTION:** DO NOT INDUCE VOMITING. Seek medical advice immediately.

**5. FIRE FIGHTING MEASURES**

**Flammable Properties**

**FLASH POINT / METHOD:**  
 207°F (97° C) / PM

**AUTOIGNITION TEMPERATURE:**  
 >392°F (200° C)

**FLAMMABLE LIMITS IN AIR % BY VOLUME:**  
 None Expected.

**FIRE AND EXPLOSION HAZARD:**  
 None Expected.

**FIRE FIGHTING INSTRUCTIONS:**  
 Water spray, carbon dioxide,, dry chemical, or alcohol compatible foam is recommended.

**6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE OF A SPILL OR LEAK:**  
 Evacuate the area and eliminate all sources of ignition. Contain the spill if possible. Material may be picked up with a solid sorbent. Dispose of only in accordance with local, state, and federal regulations.

**CERCLA HAZARDOUS SUBSTANCE:**

Component	CERCLA RQ	Maximum Wt. %
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Contains no chemicals on the CERCLA Hazardous Substance List.



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### 7. HANDLING AND STORAGE

#### ELECTROSTATIC ACCUMULATION HAZARD:

Yes – ground all equipment.

#### USUAL SHIPPING CONTAINERS:

Tank cars, tank trucks.

#### STORAGE / TRANSPORT TEMPERATURE:

Ambient. (Product will freeze at 32° F (0° C))

#### STORAGE / TRANSPORT PRESSURE:

Ambient. (Product will freeze at 32° F (0° C))

#### LOAD / UNLOAD TEMPERATURE:

Ambient, above freezing point. (Product will freeze at 32° F (0° C))

#### STORAGE AND HANDLING MATERIALS:

Carbon steel is suitable.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Engineering Controls

Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines of this section). Mechanical ventilation may be necessary if working with this product in enclosed areas and at elevated temperatures.

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#### Personal Protective Equipment

##### EYES:

When contact with liquid is possible, use a face shield and chemical goggles. Otherwise use safety glasses or goggles.

##### SKIN:

Chemical gloves should be worn to prevent repeated contact. If potential for significant exposure to liquid exists, use full protective clothing and chemical boots.

##### RESPIRATORY PROTECTION:

NIOSH-approved organic vapor air-purifying respirator, self contained breathing apparatus, or air-supplied respirators dependent on concentration.



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**Exposure Guidelines:**

No exposure limit has been set for exposure to vapors for this product. However, Lamplight and its suppliers recommend the ACGIH/OSHA/NIOSH – recommended limit of 5 mg/m<sup>3</sup> (8-hour TWA) for exposure to mists of this product.

<b><u>Component</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>
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None Established.

PEL = Permissible Exposure Limits  
 TLV = Threshold Limit Value

TWA = Time Weighted Average ( 8hr.)  
 STEL = Short Term Exposure Limit (15 min.)

**Carcinogenicity**

No carcinogenic ingredients.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<p>APPEARANCE:          Yellowish, oily liquid</p> <p>ODOR:          Mild hydrocarbon / citronella odor.</p> <p>VAPOR PRESSURE (mm Hg.).          &lt;0.01 @ 68° F (20° C).</p> <p>VAPOR DENSITY (Air=1).          6.5</p> <p>SOLUBILITY IN WATER:          Negligible</p>	<p>VISCOCITY:          2.4 cSt @ 77° F (25° C).</p> <p>PHYSICAL STATE:          Liquid.</p> <p>BOILING POINT:          430-478° F (221 – 248° C).</p> <p>MELTING POINT:          N/D</p> <p>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):          0.773 @ 60°F/60°F (16°C/16°C).</p>
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**10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID:  
 High Temperatures & high energy ignition sources

INCOMPATIBILITY WITH OTHER MATERIALS:  
 Strong Oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:  
 Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION:  
 Will not occur



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### 11. TOXICOLOGICAL INFORMATION

**EYES:**

May cause mild, short lasting discomfort to eyes

**SKIN:**

Mildly irritating to skin with prolonged exposure.  
Toxicity: LD50>3000mg/kg

**INHALATION:**

Negligible hazard at ambient temperatures.  
Toxicity: No end point data  
Irritation: No end point data

**INGESTION:**

Minimally toxic  
Toxicity: LD50>5000mg/kg

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### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:**

Not Available.

**CHEMICAL FATE INFORMATION:**

Not Available.

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### 13. DISPOSAL CONSIDERATIONS

**SPECIAL INSTRUCTIONS:**

Evacuate the area and eliminate all sources of ignition. Contain the spill if possible. Material may be picked up with solid sorbent. Dispose of only in accordance with local state, and federal regulations.

**WASTE CLASSIFICATION:**

If discarded in its purchased form, this product is not a RCRA hazardous waste. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transforms, and mixtures may change the classification.

**EMPTY CONTAINERS:**

Empty containers retain product residue (liquid and/or vapor) 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, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

(See Section 6 for CERCLA Reporting Requirements).



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**14. TRANSPORT INFORMATION**

**DOT DESCRIPTION:**

Not regulated for land transport.

**ICAO / IATA DESCRIPTION:**

Not regulated for air transport

**IMO DESCRIPTION (IMDG CODE):**

This product is not a dangerous good as defined by IMO in the IMDG Code for water transportation.

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**OSHA HAZARD COMMUNICATION STANDARD CLASSIFICATION:**

Nonhazardous as defined by the OSHA Hazard Communication Standard.

**TSCA INVENTORY LISTING:**

<u>Component</u>	<u>CAS Number</u>
C5-20 Paraffins	64771-72-8

**SARA 302 STATUS**

<u>Component</u>	<u>CAS Number</u>	<u>Maximum Wt. %</u>
Contains no chemicals subject to SARA 302 reporting.		

**SARA 311/312 CLASSIFICATION:**

Nonhazardous according to SARA 311/312.

**SARA 313 CHEMICALS:**

<u>Component</u>	<u>CAS Number</u>	<u>Maximum Wt. %</u>
Contains no chemicals subject to SARA 313 reporting.		
(See Section 6 for CERCLA Reporting Requirements.)		



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**State Regulations**

CALIFORNIA SAFE DRINKING WATER ACT (PROP 65) LISTING:

**Component**

**CAS Number**

\*\*No ingredients listed in this section\*\*

CALIFORNIA AIR RESOURCES BOARD Title 17, Article 2, Section 94510 Consumer Products:  
 This product is VOC exempt by 94510 (d)(1) as it has a vapor pressure below 0.1 mm Hg at 20°C.

**16. OTHER INFORMATION**

<u>Hazard Ratings</u>	<u>NFPA</u>	<u>HMIS</u>
Health:	1	1
FLAMMABILITY:	1	1
REACTIVITY:	0	0

**Revision Summary**

<u>Date</u>	<u>Description</u>
Jan 10, 2002	Document created.
June 28, 2002	Added Emergency numbers (Prosar) and Non emergency contact number.
January 9, 2007	Revised sections: 1,2,5,7,9,10,11,14,15

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