



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 (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

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/m³ (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

SECTION 12	ECOLOGICAL INFORMATION
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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

SECTION 13	DISPOSAL CONSIDERATIONS
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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.

SECTION 14	TRANSPORT INFORMATION
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DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

SECTION 15	REGULATORY INFORMATION
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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>
HMIS®	1	1	0
NFPA	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.