LAMPLIGHT FARMS
ULTRA-PURE LAMP OIL
MATERIAL SAFETY DATA SHEET

LAMPLIGHT FARMS
4800 NORTH LILLY RD MENOMINEE FALLS, WI 53051

A. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME
ULTRA-PURE LAMP OIL

PRODUCT CATEGORY
Petroleum Solvent

PRODUCT APPEARANCE AND ODOR
Clear water-white liquid
Faint petroleum hydrocarbon odor

CALL YOUR LOCAL POISON CENTER OR:

REGULAR TELEPHONE NO. 1-262-781-5570
EMERGENCY TELEPHONE NO. 1-800-645-5267

B. COMPONENTS AND HAZARD INFORMATION

COMPONENTS
This product contains approximately 98 mass% linear paraffin, primarily C13-C14.
All components of this product are listed on the U.S. TSCA Inventory.
See Section F for Health and Hazard Information.
See Section H for additional Environmental Information.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)
Health Reactivity Toxicity Basis
1 0 0

EXPOSURE LIMIT FOR TOTAL PRODUCT BASIS
8-hour TWA (8-hour averaging) or as an 8-hour workday
Recommended by supplier

C. PRIMARY ROUTES OF ENTRY AND EMERGENCY, AND FIRST AID PROCEDURES

EYE CONTACT
If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides.
If irritation persists, call a physician.

SKIN
In case of skin contact: Remove any contaminated clothing and wash skin with soap and water.
Lather or dry-Clean clothing before re-use. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may minimal be or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INHALATION
If overcome by vapor, remove from exposure and call a physician immediately.
If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

INGESTION
IF INGESTED, DO NOT INDUCE VOMITING; CALL A PHYSICIAN IMMEDIATELY.
D. FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (MINIMUM)
Greatest than 93.3°C (200°F)
ASTM D 51, Pensky-Marten's Closed Cup

AUTOIGNITION TEMPERATURE
Approximately 210°C (410°F)
ASTM E 659

NOTE: The autoignition temperature of this product is relatively low and is reached during laboratory distillation by ASTM Method D 659. Therefore, if the procedure is interrupted, the distillation flask must be stored before the contents are exposed to air.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION
Health 1 Flammability 1 Reactivity 0
Recommended by supplier.

HANDLING PRECAUTIONS
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.

Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames.

FLAMMABLE OR EXPLOSIVE LIMITS (approximate percent by volume in air)
Estimate values: Lower Flammable Limit 1.4% Upper Flammable Limit 8.5%

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES
Foam, water spray (low), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may be effective. Use water spray to disperse the liquid, and to cool exposed containers. Cool exposed containers with a fine spray of water from a full-stream nozzle. Keep runoff flowing to avoid a fire risk. Use chemical extinguishing agents to cool exposed containers. If a fire develops, use water spray to cool exposed containers and to disperse the liquid. Do not attempt to clean up spilled liquid.

Use water spray, dry chemical, foam or carbon dioxide to control the fire. Do not use water to cool exposed containers. If a fire develops, use water spray to cool exposed containers and to disperse the liquid. Do not attempt to clean up spilled liquid.

DOCOMPOSITION PRODUCTS UNDER FIRE CONDITIONS
Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products in the case of incomplete combustion.

"EMPTY" CONTAINER WARNING
"Empty" containers retain 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. Do not attempt to clean up residues. Vacate the area. Do not walk on (or in) spilled material. Be alert for hidden residues. Contamination of work areas and equipment may cause serious injury or death.

G. REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as nitric acid, concentrated sulfuric acid, sodium hypochlorite, etc., as this presents a serious explosion hazard.

H. ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by dikeing or impounding. Advise authorities if product has entered or may enter sewers, drains, or watercourses.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 332 (CERCLA Section 102)
No RQ for product or any constituent greater than 1% or 0.1% (carnicogen).

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355
(SARA, Sections 301-304)
No TPQ for product or any constituent greater than 1% or 0.1% (carnicogen).