



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



Tiki® BiteFighter® Citronella & Cedar Torch Fuel

Filename: MSDS Tiki MO Bitefighter.doc

Revision Date: 5/8/08
Revision 0

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Tiki® BiteFighter® Citronella & Cedar Torch Fuel

SYNONYMS: White oil, Mineral Oil

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>
White Mineral Oil	8042-47-5	99 %
Ceder Oil	NA	.8%
Citronella Oil	NA	.2%

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: Slightly irritating to the eyes.

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.

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.



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(See section 11 for Toxicological Information).

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:

≥ 248°F (120° C) / Pensky-Martens

AUTOIGNITION TEMPERATURE:

Not Available

FLAMMABLE LIMITS IN AIR % BY VOLUME:

Not Available

FIRE AND EXPLOSION HAZARD:

Low fire hazard. Material must be heated before ignition will occur. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

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.



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7. HANDLING AND STORAGE

Handling: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk. Evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe fumes / vapor / spray. Wear suitable protective clothing. If ingested, seek medical advice immediately.

Storage: Keep containers tightly closed. Store away from heat, sparks, open flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

No special ventilation requirements. Good general ventilation sufficient to control exposure to airborne contaminants.

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.

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/m³ (8-hour TWA) for exposure to mists of this product.

PEL = Permissible Exposure Limits
TLV = Threshold Limit Value

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:
Clear, oily liquid

VISCOCITY:
3.4 cSt @ 104° F (40° C).



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ODOR:
Slight petroleum odor.

PHYSICAL STATE:
Liquid.

VAPOR PRESSURE (mm Hg.).
Not available

BOILING POINT:
Not Available

VAPOR DENSITY (Air=1).
Not available

MELTING POINT:
Not available

POUR POINT
≤ -27° F (-33°C)

FREEZE POINT:
Not available

SOLUBILITY IN WATER:
Insoluble in water

Relative Density
0.823 kg/L @ 59°F (15°C)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

High Temperatures & high energy ignition sources

INCOMPATIBILITY WITH OTHER MATERIALS:

Reactive with oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

May release Cox, smoke and irritating vapors when heated to decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicity Data

Test	Result	Route	Species
LD50	>5000 mg/kg	Oral	Rat
LD50	>2000 mg/kg	Dermal	Rabbit
LD50	>2300 mg/m ³ (4 hours)	Inhalation	Rat

Sensitisation

EYES: May cause mild, short lasting discomfort to eyes

SKIN: Mildly irritating to skin with prolonged exposure.

INHALATION: Negligible hazard at ambient temperatures.

INGESTION: Minimally toxic

12. ECOLOGICAL INFORMATION



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ECOTOXICOLOGICAL INFORMATION:
Not Available.

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.

REGULATORY INFORMATION:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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.

14. TRANSPORT INFORMATION

DOT DESCRIPTION:

Not regulated for land transport.

INTERNATIONAL INFORMATION:

Vessel (IMDG): Not regulated
Air (IATA): Not regulated

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>
White mineral oil	8042-47-5



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SARA 311/312 CLASSIFICATION:
 Nonhazardous according to SARA 311/312.

SARA 313 CHEMICALS:
 Contains no chemicals subject to SARA 313 reporting.

16. OTHER INFORMATION

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

Revision Summary

Date	Description
May 8, 2008	Document created.

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