SECTION 1  PRODUCT AND COMPANY IDENTIFICATION

Product Name:  TIKI BiteFighter LED String Lights
                TIKI BiteFighter LED String Lights Mosquito Repellent Pods

Recommended use:  Insecticide
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

EPA Registration #:  33025-8

SECTION 2  HAZARDS IDENTIFICATION

OSHA Classification:  This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200

CLASSIFICATION:
Acute Toxicity – Inhalation (Dust/Mists)  Category 4
Aspiration toxicity  Category 1

LABEL:
Pictogram:

Signal Word:  Danger
Appearance:  Clear, colorless
Physical State:  Liquid
Odor:  Slight - Solvent

Hazard Statements:
Harmful if inhaled.
May be fatal if swallowed and enters airways.

Precautionary Statements:
Prevention:
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Response:
Specific treatment (See Section 4/First Aid)
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
SAFETY DATA SHEET
TIKI BiteFighter LED String Lights
TIKI BiteFighter LED String Lights Mosquito Repellent Pods

Call a POISON CENTER or doctor/physician if you feel unwell
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT Induce vomiting

Storage:
Store locked up
Store in a closed container

Disposal:
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not Applicable

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>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metofluthrin</td>
<td>240494-70-6</td>
<td>4.0</td>
</tr>
<tr>
<td>Hydro-treated middle-distillate (Petroleum)</td>
<td>64742-46-7</td>
<td>5 to 10*</td>
</tr>
<tr>
<td>Petroleum distillates</td>
<td>64742-47-8</td>
<td>80 to 90</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Comments: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

SECTION 4 FIRST AID MEASURES

INHALATION
Remove affected person to fresh air. If a person is not breathing, call 911 or an ambulance, then give respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

SKIN CONTACT
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

EYE CONTACT
Hold eye open and rinse slowly with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

INGESTION
If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to this person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN
Contains petroleum distillates – vomiting may cause aspiration pneumonia
For skin effects, a highly efficient therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application fo
tocopherol acetate (Vitamin E)

SELF-PROTECTION OF THE FIRST RESPONDER:
Use personal protective equipment as required

SECTION 5  FIRE FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:
Caution: Use of water spray when fighting fire may be inefficient.

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO2).

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Protective equipment and precautions for firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA
Health hazards 2  Flammability 1  Instability 0  Physical and Chemical Properties

HMIS
Health hazards 1  Flammability 1  Physical hazards 0  Personal protection X

Chronic Hazard Star Legend  * = Chronic Health Hazard

SECTION 6  ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment as required.

Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material.
SECTION 7  HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. P270 - Do not eat, drink or smoke when using this product. Use with local exhaust ventilation. For more information, see product label.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. For more information, see product label.

SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
<th>Supplier OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydro-treated middle-distillate (Petroleum) 047x2-46-7</td>
<td>TWA: 5 mg/m³ TWA: 5 mg/m³ Inhaled fraction</td>
<td>TWA: 400 mg/m³ / 100 ppm TWA: 5 mg/m³ Mist</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Petroleum distillate, hydro-treated light 047x2-47-8</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA: 100 ppm TWA: 525 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls: Safety showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection: Protective eyewear is recommended, but is not required.

Skin and body protection: Protective gloves are recommended, but are not required.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations: When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES
### Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Comment: Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state:</td>
<td>Liquid</td>
<td>@ 24.0 °C.</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Clear, colorless</td>
<td></td>
</tr>
<tr>
<td>Odor:</td>
<td>Slight - Solvent</td>
<td></td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Color (Gardner Scale):</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>5.62</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point:</td>
<td>No information available</td>
<td>Tag Closed Cup:</td>
</tr>
<tr>
<td>Boiling point / boiling range:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt; 93.3 °C / &gt; 200.0 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit (UEL):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit (LEL):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient; n-Octanol/</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

### Water:
- Autoignition temperature: No information available
- Decomposition temperature: No information available
- Kinematic viscosity: No information available
- Dynamic viscosity: 4.47 cPs, @ 20.0 °C.
- Refractive Index: No information available

### Other Information:
- Density: 0.796 g/cm³ @ 22.4 °C
- VOC Content (%): 0

### Miscibility/Solubility:
- Water: No information available
- Petroleum distillates: Miscible

## SECTION 10 STABILITY AND REACTIVITY

### Reactivity
No data available

### Chemical stability
Stable under recommended storage conditions.

### Possibility of Hazardous Reactions
None under normal processing.

- **Hazardous polymerization:** Hazardous polymerization does not occur.
Conditions to avoid
Extremes of temperature and direct sunlight.

Incompatible materials:
Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous Decomposition Products
Carbon monoxide, Carbon dioxide (CO2).

SECTION 11 TOXICOLOGICAL INFORMATION

Numerical measures of toxicity - Product Information

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD₅₀</td>
<td>&gt;5,000 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD₅₀</td>
<td>&gt;5,000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Inhalation LC₅₀</td>
<td>&gt;2.08 mg/L, (rat; 4 hours)</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Minimal eye irritation, (rabbit).</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Slightly irritating, (rabbit).</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Negative, (guinea pig).</td>
</tr>
</tbody>
</table>

Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity:
No information available.

Developmental Toxicity
No information available.

Teratogenicity:
No information available.

STOT - single exposure:
No information available.

STOT - repeated exposure:
No information available.

Chronic toxicity:
Avoid repeated exposure.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects: No information available

Environmental hazards (EPA):
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the FPA.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

Contaminated packaging:
For more information, see product label.
SECTION 14 TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name: Insecticides, Insect or Animal Repellent, Liquid
This material is not hazardous.

Hazard Class:

Other Shipping Information: This material is not regulated by the DOT as a hazardous material when shipped in Non-Bulk quantities (i.e., less-than 119 Gallons / 450 Liters), When shipping in bulk quantities (i.e more than 119 Gallons / 450 Liters), please Contact Lamplight Farms Inc. for proper shipping description.

Air (IATA/ ICAO)

Proper Shipping Name: Insecticides, Insect or Animal Repellent, Liquid
This material is not hazardous.

Hazard Class:

Vessel (IMO/ IMDG) Not available

SECTION 15 REGULATORY INFORMATION

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard
Categories

Acute health hazard Yes
Chronic Health Hazard No
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations:
**SECTION 16 OTHER INFORMATION**

**Disclaimer:** The information given is based on data available for the material, the components of the material, and similar materials.

**Issue Date:** January 8, 2021

**Revisions:** January 8, 2021  Document Created  Rev 01