



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



Tiki® Brand Paradise In Your Backyard™ Citronella Wax Candle

Revision Date: 6/26/12  
Revision 0

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Tiki® Brand Paradise In Your Backyard™ Citronella Wax Candle

Distributor: 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)**

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %
Polyethylene	9002-88-4	0-99%
Paraffin Wax	8002-74-2	0-99%
Hydrogenated Palm Oil	68514-74-9	0-99%
Citronella oil	8000-29-1	1%

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

## 3. HAZARDS IDENTIFICATION

Potential Health Effects

**EYES:** This product is minimally irritating to the eyes upon direct contact. Only in its molten form will cause thermal burns and eye injury upon direct contact. Based on testing of similar products and/or components.

**SKIN:** This product is not expected to cause any skin irritation upon direct single or repeated and prolonged contact; however, similar chemical composition products applied to the skin of laboratory animals resulted in minimal to slight dermal irritation. Contact with molten material can cause severe burns.

**INHALATION:**

Breathing fumes in confined areas can cause respiratory discomfort and possible irritation. This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. Exposures below 5 mg/m<sup>3</sup> appear to be without significant health risk. See Section 8 for oil mist exposure limits.

**INGESTION:**

This product is relatively non-toxic by ingestion unless aspiration occurs. This product has laxative properties and may result in abdominal cramps and diarrhea.



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#### **4. FIRST AID MEASURES**

**EYE CONTACT:**

Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If material is hot, treat for thermal burns and seek immediate medical attention.

**SKIN CONTACT:**

Remove contaminated clothing. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

**INHALATION:**

Remove individual to a well ventilated area for fresh air and call a physician if respiratory symptoms warrant medical attention. This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions.

**INGESTION:**

Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration. Seek immediate medical attention.

#### **5. FIRE AND EXPLOSION INFORMATION**

Flammable Properties

FLASH POINT / METHOD: >300F (>148°C) (CC)

AUTOIGNITION TEMPERATURE: No Data Available.

EXTINGUISHING MEDIA: Use dry chemical, foam, or carbon dioxide.

**FIRE FIGHTING MEASURES / SPECIAL FIRE FIGHTING PROCEDURES:**

Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

**UNUSUAL FIRE AND EXPLOSION CONDITIONS:**

Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

#### **6. ACCIDENTAL RELEASE MEASURES**

Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10. Remove all sources of ignition.



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REGULATORY NOTIFICATIONS: Notify appropriate authorities of spill.

### CONTAINMENT AND CLEAN UP:

Handle as a thermoplastic. With molten spills, allow the material solidify and cool. Contain spill immediately. Do not allow spill to enter sewers or watercourses. Large spills may be picked up using shovels, buckets, or other means and placed in drums or other suitable containers.

## 7. HANDLING AND STORAGE

Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing prior to reuse. May be slippery when spilled. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106--Flammable and Combustible Liquids.

### STORAGE:

When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping in closed containers. Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Use this product in well-ventilated areas. This product does not contain any components with OSHA or ACGIH exposure limits. If oil mist is generated, exposure limits apply.

### Personal Protective Equipment

#### EYES:

Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

#### SKIN:

No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.).

#### RESPIRATORY PROTECTION:

Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified.

#### PERSONAL HYGIENE:

Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.

#### ENGINEERING CONTROLS / WORK PRACTICES & VENTILATION:

If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

### Exposure Guidelines:



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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.

Component	OSHA PEL	ACGIH TLV
	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**

Appearance:	Off white,	Melting Point:	130°-175°F(55°-90°C)
Odor:	Pleasant	Specific Gravity:	No data available
Vapor Pressure:	No data available	Average Carbon Number:	No data available
Vapor Density (Air=1):	No data available	Pour Point:	No data available
Evaporation Rate (EE=1):	No data available	Viscosity @ 210 F:	No data available
pH:	No data available	Viscosity @ 40 C:	No data available
Volatile Organic Content:	No data available	Solubility:	Negligible in water

**10. STABILITY AND REACTIVITY CHEMICAL STABILITY:** Stable

CONDITIONS TO AVOID: Heat

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents. Hazardous Decomposition Products:.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion

HAZARDOUS POLYMERIZATION:

Will not occur

**11. TOXICOLOGICAL INFORMATION**

LD50	>2000 mg/kg	Oral	Rat
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**12. ECOLOGICAL INFORMATION**

No information available

**13. DISPOSAL CONSIDERATIONS**





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