



# SAFETY DATA SHEET

TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Substance

**Product Name:** TIKI Brand

Paradise in Your Backyard

CLEAN BURN BiteFighter TORCH

FUEL

**Synonyms:** Methyl Esters

### Intended Use of the Product

**Use of the Substance/Mixture:**

Outdoor Lighting, Mosquito

repellant

### Name, Address, and Telephone of the Responsible Party

**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 of the Substance or Mixture

#### Classification (GHS-US)

Eye Irrit. 2B

H320

Full test of H-phrases: see section 16

### Label Elements

#### GHS-US Labeling

**Signal Word (GHS-US)** : Danger

**Hazard Statements (GHS-US)** : H320 – Causes serious eye damage/eye irritation.

**Precautionary Statements (GHS-US)** : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Name : ME-C818D

Name	Product Identifier	% (w/w)
Fatty acids, coco, methyl esters	(CAS No) 61788-59-8	97%
Oil of Citronella	(CAS No) 8000-29-1	3%

Full text of H-phrases: see section 16

# SAFETY DATA SHEET TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

**Eye Contact:** Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** Contact during a long period may cause slight irritation.

**Eye Contact:** Causes eye irritation.

**Ingestion:** Ingestion is not expected to be harmful.

**Chronic Symptoms:** Not available

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water. Water fog. Foam. Dry Chemical Powder. Carbon Dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions are unlikely to occur under normal circumstances.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material.

**Reference to Other Sections:** Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all unnecessary exposure. Keep away from open flames, hot surfaces, and sources of ignition

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**General Measures:** Avoid all unnecessary exposure.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

# SAFETY DATA SHEET TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

### **Methods for Cleaning Up:**

**Large Spills:** Stop the flow of material, if this is without risk. Dike far ahead of spill, where this is possible, for later disposal. Cover with plastic sheet to prevent spreading. Clean, absorb and/or contain large and small with inert material such as vermiculite, dry sand or earth and place in suitable container. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

### **Reference to Other Sections**

See section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

## SECTION 7: HANDLING AND STORAGE

### **Precautions for Safe Handling**

**Additional Hazards When Processed:** Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

**Hygiene Measures:** Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands and forearms thoroughly after handling.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from ignition sources, direct sunlight, and incompatible materials.

**Incompatible Materials:** Strong oxidizers.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

### **Exposure Controls**

**Appropriate Engineering Controls:** Ensure adequate ventilation (typically 10 air changes per hour) should be used, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective goggles. Protective clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Other Information:** When using, do not eat, drink, or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **Information on Basic Physical and Chemical Properties**

**Physical State** : Liquid

**Appearance** : Clear

# SAFETY DATA SHEET TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor	: Mild
Odor Threshold	: Not available
pH	: 6.0000 – 8.0000 (as is)
Evaporation Rate	: Estimated slower than ethyl ether
Melting Point	: 17.6 °F (-8.00 °C)
Freezing Point	: 17.6 °F (-8.00 °C)
Boiling Point	: 500 °F (260 °C)
Flash Point	: > 201 °F (93.89 °C) Pensky-Martens Closed Cup
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Estimated heavier than air
Relative Density	: Not available
Specific Gravity	: 0.8653
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: < 8 cPs @25C
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions are unlikely to occur under normal circumstances of use, storage and transport.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible Materials:** Strong oxidizers.

**Hazardous Decomposition Products:** No hazardous decomposition products are known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Causes eye irritation

**Respiratory or Skin Sensitization:** This product is not expected to cause skin sensitization.

**Germ Cell Mutagenicity:**

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Teratogenicity:** Not classified

**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### **U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** This product is not expected to cause reproductive or developmental effects.

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation.

# SAFETY DATA SHEET TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 11: TOXICOLOGICAL INFORMATION

**Symptoms/Injuries After Skin Contact:** Contact during a long period may cause slight irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye tearing, redness and discomfort.

**Symptoms/Injuries After Ingestion:** Ingestion is expected to be a low ingestion hazard

### **Information on Toxicological Effects - Ingredient(s)**

**LD50 Data:**

Acute toxicity		
<b>Dermal LD50</b>	<b>Rabbit</b>	>2000 mg/kg
<b>Oral LD50</b>	<b>Rat</b>	>5000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

### **Ecotoxicity**

<b>Acute</b>	<b>ME-C818D</b>	
Algae	EC50 Algae	>1000 mg/l, 72 hours
Crustacea	EC50 Daphnia	>1000 mg/l, 48 hours
Fish	LC50 Fish	>1000 mg/l, 96 hours
<b>Acute</b>	<b>Fatty acids, coco, Me esters (CAS 61788-59-8)</b>	
Fish	LC50 Fish	>1000 mg/l, 96 hours

**Persistence and Degradability** Readily biodegradable.

**Bioaccumulative Potential** Not available

**Mobility in Soil** Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption) are expected from this component.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **Waste treatment methods**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport as dangerous goods.

**In Accordance with IMDG** Not regulated for transport as dangerous goods.

**In Accordance with IATA** Not regulated for transport as dangerous goods.

**In Accordance with TDG** Not regulated for transport as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not available.

## SECTION 15: REGULATORY INFORMATION

### **US Federal Regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

#### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

#### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

# SAFETY DATA SHEET

TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 15: REGULATORY INFORMATION

<b>Hazard categories</b>	Immediate Hazard - No
	Delayed Hazard - No
	Fire Hazard – No
	Pressure Hazard – No
	Reactivity Hazard - No
<b>SARA 302 Extremely hazardous substance:</b>	No
<b>SARA 311/312 hazardous chemical:</b>	Yes
<b>SARA 313 (TRI reporting)</b>	Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  
Not regulated.

**Safe Drinking Water Act (SDWA)**  
Not regulated.

<b>Fatty acids, coco, methyl esters (61788-59-8)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**US State Regulations**

**US. Massachusetts RTK – Substance List**  
Not regulated.

**US. Rhode Island RTK**  
Not regulated.

**US. California Proposition 65**  
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**US – California Proposition 65 – CRT: Listed date/Developmental toxin**  
Methanol (CAS 67-56-1)      Listed: March 16, 2012

**Canadian Regulations**

<b>ME-C818D</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
<b>Fatty acids, coco, methyl esters (61788-59-8)</b>	
Listed on the Canadian DSL (Domestic Substances List)	

**International Inventories**

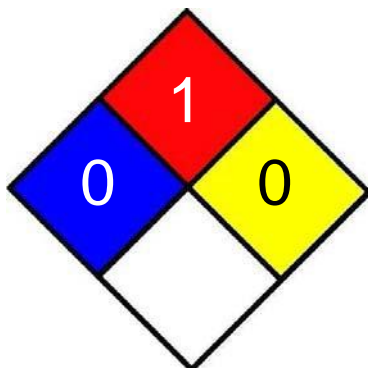
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory (NZIoC)	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# SAFETY DATA SHEET TIKI Brand Paradise in Your Backyard Clean Burn BiteFighter Torch Fuel

## SECTION 15: REGULATORY INFORMATION

### NFPA ratings



This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 0718/18  
**Version Number** : 1  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
H320	Causes eye irritation

### Party Responsible for the Preparation of This Document

Lamplight Farms Inc.  
1-888-473-1088

*IMPORTANT: The information on safety data sheets provided herein, while believed to be accurate and reliable, is given without guarantee or warranty of any kind expressed or implied.*