



SAFETY DATA SHEET

TIKI® Brand Citronella Torch Fuel

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: TIKI® Brand Citronella Torch Fuel

Recommended use: Outdoor lighting
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

SECTION 2 HAZARDS IDENTIFICATION

OSHA Classification: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLASSIFICATION:

FLAMMABLE LIQUIDS - Category 4
ACUTE TOXICITY: INHALATION - Category 4
ASPIRATION HAZARD - Category 1

LABEL:

Pictogram:



Signal Word: Danger

Hazard Statements:

Combustible liquid.
Harmful if inhaled.
May be fatal if swallowed and enters airways

Precautionary Statements:

Prevention: Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces. - No smoking. Use only outdoors in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling

Response: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage: Keep away from heat, sparks and open flame. Keep container tightly closed and in a well-ventilated place.

Disposal: Dispose of contents and container in accordance with local and national regulations.

SECTION 3

COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS#	Concentration*
Distillates (petroleum), hydro treated light	64742-47-8	0 - 100%
Distillates (petroleum), hydro treated middle	64742-46-7	0 - 100%

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume. Concentration values may vary.

The specific identity and / or exact concentration has been withheld as a trade secret

SECTION 4

FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

EYE CONTACT

Remove Contact if present. Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

Seek immediate medical attention. Do not induce vomiting.

NOTE TO PHYSICIAN

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: Combustible. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Hazardous material. Firefighters should consider protective equipment indicated in Section 8.

Hazardous Combustion Products: Oxides of carbon, Incomplete combustion products, Smoke, Fume

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment, and emergency procedures: Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area. Wear appropriate protective clothing as described in Section 8. Prevent contact with skin. Do not breathe vapors.

Methods and materials for containment and cleaning up: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Prevent entry into waterways, sewer, basements or confined areas. In the case of a water spill, remove from surface by skimming or with suitable absorbent. Seek advice of specialist if necessary.

Environmental hazards: Avoid releases to the environment. Report releases as required by local, state and federal authorities.

SECTION 7**HANDLING AND STORAGE**

Precautions for safe handling: Prevent contact with eyes, skin and clothing. Do not breathe vapors or mists. Wash thoroughly with soap and water after handling. For outdoor use only with adequate ventilation. Keep product upright, away from heat, sparks and open flames. Never leave a lit flame unattended. Do not smoke in storage or use areas.

Conditions for safe storage, including any incompatibilities: Keep out of reach from children and pets. Store product upright, away from heat, sparks and open flame. Keep container tightly closed and in a well ventilated place. Store and dispense from original container only.

SECTION 8**EXPOSURE CONTROLS / PERSONAL PROTECTION**

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Distillates (petroleum), hydrotreated middle (64742-46-7)	TWA	5 mg/m ³	Inhalable fraction.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated middle (64742-46-7)	PEL	5 mg/m ³	Mist.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated middle (64742-46-7)	STEL	10 mg/m ³	Mist.
Distillates (petroleum), hydrotreated light (64742-47-8)	TWA	5 mg/m ³	Mist.
	TWA	200 mg/m ³	Vapor.

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Canada. Quebec OELS. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated middle (64742-46-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Mexico. Occupational Exposure Limit Values

Components	Type	Value	Form
Distillates (petroleum), hydrotreated middle (64742-46-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye / face protection	Wear safety glasses with side shields (or goggles).
Skin protection	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications.

GENERAL INFORMATION

Physical State: Liquid
Form: Liquid
Color: Gray Blue
Odor: Mild Petroleum/Solvent
Odor Threshold: Not Available

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Vapor Density: >1 (Air=1)
Specific Gravity (at 15.6 °C): 0.78 – 0.82
Flash Point, Closed cup: 145°F - 275°F / 62.8°C - 135°C
Boiling Range: 355°F (180°C) - 520°F (271°C)
Flammable Limits (Approximate volume % in air): LEL: 0.7 UEL: 7
Autoignition Temperature: >428°F (220°C)
Decomposition Temperature: Not Available
Viscosity: 1.38 cSt – 3.9cSt at 40 °C
Vapor Pressure: 0.1 - 0.9 mmHg (20°C)
Evaporation Rate (n-butyl acetate = 1): Not Available
pH: Not Available
Solubility in Water: Negligible
Freezing Point: Not Available
Melting Point: Not Available

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Avoid heat, sparks, open flames and other ignition sources.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

SECTION 11	TOXICOLOGICAL INFORMATION
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INFORMATION ON TOXICOLOGICAL EFFECTS

Acute effects	Harmful if swallowed - may enter lungs if swallowed or vomited. Causes skin irritation. High vapor concentrations may cause central nervous system effects.
Sensitization	No sensitizing effects known.

ACGIH Carcinogens

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7)

A2 Suspected human carcinogen
A4 Not classifiable as a human carcinogen.

US NTP Report on Carcinogens: Known carcinogen

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7)

Known carcinogen

SECTION 12	ECOLOGICAL INFORMATION
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The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Not Available

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Not Available

Hydrolysis:

Not Available.

Photolysis:

Not Available.

Atmospheric Oxidation:

Not Available

SECTION 13	DISPOSAL CONSIDERATIONS
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Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Disposal instructions

Dispose of contents/container in accordance with local/regional/national/international regulations. When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261.

Contaminated packaging emptied.

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14	TRANSPORT INFORMATION
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LAND (DOT)

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
Hazard Class & Division: COMBUSTIBLE LIQUID
ID Number: 1268
Packing Group: III
Special Provisions 144, B1, IB3, T4, TP1, TP29
Packaging exceptions: 150
Packaging non bulk: 203
Packaging bulk 242
ERG Number: 128
Label(s): NONE
Transport Document Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

Footnote: This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

LAND (TDG): Not Regulated for Land Transport

SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code

Marine Pollutant: No

AIR (IATA): Not Regulated as dangerous goods

SECTION 15	REGULATORY INFORMATION
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US federal regulations This product is hazardous according to OSHA 29CFR 1910.1200.
 All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)
 Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
 None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance (40 CRF 355, Appendix A)	No
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Section 311/312 (40 CFR 370)	No
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Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)	Not controlled
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WHMIS status	Controlled
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WHMIS classification	B3 - Flammable/Combustible D2B - Other Toxic Effects-TOXIC
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WHMIS labeling



Country or Region	Inventory Name	On inventory yes / no
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

State Regulations

California Prop 65:

Warning: This product and combustion products emitted while burning contain chemicals known to the state of California to cause cancer, birth defects or reproductive harm.

US - California Hazardous Substances (Director's):

Distillates (petroleum), hydrotreated middle (CAS64742-46-7) - Listed

US - Massachusetts RTK - Substance:

Distillates (petroleum), hydrotreated middle (CAS64742-46-7) - Listed

Distillates (petroleum), hydrotreated light (CAS 64742-47-8) - Listed.

US - New Jersey Community RTK (EHS Survey):

Distillates (petroleum), hydrotreated light (CAS 64742-47-8) Reportable threshold 10,000 lbs

US - New Jersey RTK - Substances:

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) - Listed.

US - Pennsylvania RTK - Hazardous Substances:

Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) - Listed

Distillates (petroleum), hydrotreated light (CAS 64742-47-8) - Listed

SECTION 16	OTHER INFORMATION
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Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
Flammability: 2
Physical hazard: 0

NFPA ratings

Health: 1
Flammability: 2
Instability: 0

Disclaimer

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

Issue date

03-10-2011

Revisions:

Rev 02 11/20/13 – changed appearance from yellow to gray blue
Rev 03 5/11/15 – updated to GHS format