SDS# 988 ITEM# 320044

HOC Industries, Inc.
Safety Data Sheet

Section 1 Chemical Product and Company Identification

Name/ Identity of Product: Torch Fuel

Synonyms: **Luau Time® Citronella Torch Fuel, HOMESTAR® Citronella Torch Fuel**

Manufacturer: HOC Industries, Inc.
3511 N. Ohio
Wichita KS, 67219

Telephone: 1-316-838-4663 (Business)
1-800-633-8253 (Emergency)

Recommended Use: Citronella Torch Fuel

Section 2 Composition/Information on Ingredients

Chemical Name	CAS#	Concentration
Paraffins, Petroleum (C5-C20)	64771-72-8	100%

Section 3 Hazards Identification

GHS Classification:

Physical Hazards

Flammable Liquid: Category 3

Health Hazards

Aspiration Toxicant: Category 1
Target organ toxicant (central nervous system): Category 3
Target organ toxicant (respiratory irritant): Category 3

Signal Word: Warning

GHS Label Requirements:

HMIS Rating
Health: 1
Flammability: 2
Reactivity: 0

NFPA Rating
Health: 1
Flammability: 2
Reactivity: 0

Symptoms of Exposure:

Acute Effects

Inhalation: Vapors may cause drowsiness and dizziness.
Skin contact: Repeated exposure may cause skin dryness or cracking.
Eye contact: Mildly irritating.
Ingestion: Harmful, may cause lung damage if swallowed.

Chronic Effects

Carcinogenicity: This product is not currently listed as a carcinogen by NTP, OSHA, or IARC.

Section 4 First-Aid Measures

Inhalation: Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention if breathing difficulties continue.
Skin Contact: To remove the material from the skin use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. Get medical attention if any symptoms develop.
Eye Contact: Flush eyes with running water immediately while holding eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least 15 minutes. Get immediate medical attention.
Ingestion: If swallowed, do not induce vomiting. Give the person a glass of water and get immediate medical attention. Never give anything by mouth to an unconscious person.
Additional Advice: Ingestion of this product or subsequent vomiting may result in aspiration of light hydrocarbon liquid, which may cause pneumonitis.

Section 5 Fire-Fighting Measures

Flash Point	Boiling Point	Lower Flammable Limit	Upper Flammable Limit
>38°C (100° F)	160°C (320°F)	0.6%	7.0%

Hazardous Combustion Products: carbon monoxide, carbon dioxide
Recommended Extinguishing Media: water fog, foam, dry chemical, or carbon dioxide
Personal Protective Equipment for Fire Fighters: Always wear appropriate personal protective equipment including safety glasses and in case of large releases use NIOSH approved respirators.
Specific Extinguishing Methods: Evacuate all unnecessary personnel. Shut off source if possible. Do not spray water directly on the Citronella Torch Fuel it can float on top of the water and relight.

Section 6 Accidental Release Measures

Personal Precautions: Eliminate all ignition sources immediately. Avoid contact with skin, eyes, and clothes. Avoid breathing any vapors

Protective Equipment: Always use safety glasses, in case of large spill monitor area to determine if a respirator is needed.

Emergency Procedures: Stop source of spill. Contain spill through the use of dikes. Soak up residue with an inert absorbent such as clay, sand, or other suitable material and dispose of in accordance with relative federal, state, and local authorities.

Environmental Precautions: Contain spill and prevent entry into any water ways. See section 13 for proper disposal information.

Methods/ Material for Containment: Dikes, containment systems, inert absorbent material (clay, sand)

Secondary Disaster Prevention Measures: Eliminate all ignition sources. Evacuate all unnecessary personnel. Never enter a confined space without following proper OSHA confined space entry procedures.

Section 7 Handling and Storage

Handling

Precautions: Liquid can evaporate and form vapors that can catch fire and burn with explosive force. Vapors are heavier than air and may travel and be ignited at remote locations and flash back.

Technical Measures: Ground/bond all handling equipment in order to prevent a static discharge which could cause a fire. Eliminate ignition sources from handling areas. Use appropriate ventilation in order to prevent the buildup of explosive atmospheres.

Prevention: Keep ignition sources away from fuel. Avoid contact with skin and eyes through proper use of chemical resistant gloves and safety glasses.

Storage

Conditions of Safe Storage: Store in accordance with OSHA 1910.106 storage of flammable and combustible liquids standard.

Technical Measures: Keep separated from incompatible materials.

Separation from Incompatible Materials: Oxidizers

Packaging Material: PET plastic

Section 8 Exposure Controls and Personal Protection

Ingredient	OSHA PEL TWA	ACGIH PEL
Paraffins, Petroleum (C5-C20)	N/A	N/A

Appropriate Personal Protective Equipment

Respiratory Protection: Respirators may be required if there is inadequate ventilation.

Hand Protection: Chemical resistant gloves should be worn while handling.

Eye Protection: Safety glasses should be worn while handling.

Skin and Body Protection: If clothing becomes contaminated remove and clean vigorously before reuse.

Engineering Controls: Use adequate ventilation in order to prevent explosive atmospheres.
Special Considerations: NA

Section 9 Physical and Chemical Properties

Appearance& Odor: yellow oily liquid, citronella odor
pH: NA
Melting Point/ Freezing Point: NA
Boiling Point (Initial Boiling Point and Range): 299-412°F (148-211°C)
Flash Point: >100°F (38°C)
Upper / Lower Explosive Limits: 6.0%/.7%
Vapor Pressure (mm Hg): .06-6.18 @ 100°F
Vapor Density (Air=1): 3 -5.5
Density/ Relative Density (Water=1): ≈.75 @ 15.6°C (60°F)
Solubility (Water): negligible
n-Octanol/ Water Partition Coefficient: NA
Auto-ignition Temperature: 230°C (446°F)
Decomposition Temperature: NA
Odor Threshold: NA
Evaporation Rate (Bu-Acetate=1): <1
Flammability: Class 3 Flammable Liquid
Viscosity: 1.09-1.45 cSt @38°C (100°F)

Section 10 Stability and Reactivity

Conditions to Avoid: Make sure to ground all equipment used in fluid transfer in order to avoid the buildup of a static charge.
Incompatible Material: May react with oxygen and strong oxidizing agents
Hazardous Decomposition Products: Carbon Oxides
Intended Use: Citronella Torch Fuel
Common Misuses: Not for use as a cleaning solvent.

Section 11 Toxicology Information

Acute Oral Toxicity
LD50 (rat): 5 g/kg

Acute Dermal Toxicity
LD50 (rat): 3-4 g/kg

Acute Inhalation Toxicity
LC50 (rat): 1215ppm/ 6 hours

Acute Toxicity
Skin Irritation/ Corrosion: Repeated exposure may cause skin dryness or cracking.

Eye Irritation: Mildly irritating
Respiratory Irritation: Vapors may cause drowsiness and dizziness.
Ingestion: Aspiration hazard may cause target organ damage to the lungs

Chronic Toxicity
Reproductive Cell Mutagenicity: N/A
Carcinogenicity: This is not listed as a carcinogen by NTP, OSHA, or IARC
Reproductive Toxicity: NA
Acute Target Organ Toxicity: Can damage lungs through aspiration if ingested.
Chronic Target Organ Toxicity: NA

Section 12 Ecological Information

Anticipated Behavior: NA
Persistence/ Degradability: 28 days/ 69.8%
Bioaccumulative Potential: NA
Mobility in Soil: NA

Section 13 Disposal Considerations

Disposal shall be made in accordance with relevant federal, state, and local authorities.
Hazardous Waste: Yes
RCRA Hazard Class: D001 characteristic for ignitability
Containers: Containers that are empty according to the Resource Conservation and Recovery Act can be disposed of in a safe manner. Empty containers should still be kept away from ignition sources due to possible ignitable vapors.

Section 14 Transport Information

	Non Bulk*	Bulk
UN Proper Shipping Name:	Petroleum Distillates, N.O.S.	Petroleum Distillates, N.O.S.
UN Number:	UN 1268	UN 1268
Hazard Classification:	3	3
Packing Group:	III	III
Marine Pollutant:	No	No

*Non Bulk packages in containers less than 5.0 liter are not regulated as hazardous materials in the United States. (49 CFR 173.150 (b) (3))
Transport in Bulk according to MARPOL 73/78, Annex II and IBC Code: CFR 49 Part 173.150

Section 15 Regulatory Information

United States Regulations

Occupational Safety and Health Administration (OSHA) Hazardous Chemical (29 CFR 1910.1200): Yes

Toxic Substance Control Act (TSCA) Inventory: Yes

Comprehensive Environmental Response, Compensation& Liability Act: No

Superfund Amendments and Reauthorization Act of 1986 (SARA), Title 313 (form R): No

SARA Section 311/312 Hazard Categories: Not applicable to Consumer Commodities as stated in 40 CFR 311(e) 3

SARA Section 302 (Extremely Hazardous Substance): No

International Inventory Statuses

Country(s) or region Inventory name On inventory (yes/no)*	Yes/No
Australia Australian Inventory of Chemical Substances (AICS):	Yes
Canada Domestic Substances List (DSL):	Yes
China Inventory of Existing Chemical Substances in China (IECSC):	Yes
Europe European Inventory of Existing Commercial Chemical Substances (EINECS):	Yes
Japan Inventory of Existing and New Chemical Substances (ENCS):	Yes
Korea Existing Chemicals List (ECL):	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

This product has been classified according to the hazard criteria of the Controlled Products Regulations (Canadian CPR) and this SDS contains all of the information required by the CPR.

Section 16 Other Information

Initial Preparation Date: 3/4/2014 Revised: 4/25/2014

Revision Number: GH 2-042414

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