



# MATERIAL SAFETY DATA SHEET

MSDS No: 0109,001.00  
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Approved by: Darius Nicipon

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Section 1					Chemical Product and Company Name
Product	LAMP OIL			ITEM NO: SS-1B46E	
Synonyms	Kerosene, Petroleum Hydrocarbon				
CHEMTREC	24 Hour Emergency Phone Number (800) 424-9300				
Section 2					Composition/Ingredients Information
Chemical Name	CAS#	%	TLV Units		
Acid Treated Distillate Light	64742-14-9	100%	TWA: 5mg/m³, 10mg/m³ STEL		

Section 3 Hazards Identification

CAUTION! COMBUSTIBLE.  
MAY CAUSE SKIN, EYE AND RESPIRATORY TRACK IRRITATION.

0 = Minimal  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	C

HMIS

Section 4 First Aid Measures

**INGESTION:** Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.

**INHALATION:** Remove to fresh air. Get medical attention if necessary.

**EYE CONTACT:** Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if irritation develops.

**SKIN CONTACT:** Remove contaminated clothing. Flush thoroughly with mild soap and water. Get medical attention if

Section 5 Fire Fighting Measures

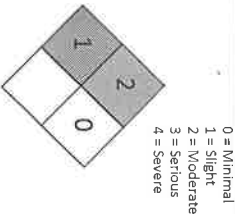
Combustible liquid.

**Extinguishing Media:** Use TriClass, dry chemical extinguisher or water spray for small fires. Firefighters should use self-contained breathing apparatus and protective clothing.

Flash point: 165°F/73.9°C

Autoignition temperature: Not available

Explosion limits: Lower: 0.7% Upper: 5.0%



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Section 6 Accidental Release Measures

Restrict un-protected personnel from the area. Contain the spill with an inert absorbent material and deposit in a sealed bag or container. For small spill use paper towel. Place the wet medium under the hood or outside the building to minimize a vapor concentration in the area. Do not leave it unattended. Dry material place in trash. Ventilate and wash spill area with soap and water.

Section 7 Handling and Storage

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Use only under adult supervision.

**Handling:** Use hood or with adequate ventilation. Keep away from heat, sparks and flame. Avoid breathing vapor. Wash hands thoroughly after handling.

**Storage:** Keep container in cool, well-ventilated area.

Section 8 Exposure Controls/ Personal Protection

**Engineering controls:** Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits.  
**Respiratory protection:** Non should be needed if normal laboratory handling at room temperature. Use NIOSH approved respiratory protection in high vapor concentrations.

Section 9 Physical and Chemical Properties

**Physical state:** Liquid  
**Appearance:** Clear red liquid.  
**Odor:** Mild petroleum  
**pH:** Not available  
**Vapor Pressure ( mm Hg):** 0.2  
**Vapor Density:** 4.5  
**Evaporation Rate:** Not available  
**Viscosity:** Not available

**Boiling point:** 380°F/193°C  
**Melting point:** Not available  
**Freezing point:** Not available.  
**Decomposition temp:** N/A  
**Solubility:** Soluble in hydrocarbons.  
**Specific gravity (H<sub>2</sub>O = 1):** 0.79 at 15.6°C  
**Percent volatile (%):** 100 Wt%  
**Molecular formula:** Not available  
**Molecular weight:** Not available

Section 10 Stability and Reactivity

**Chemical Stability:** Stable  
**Conditions to Avoid:** High temperatures, sparks open flames and incompatible materials.  
**Incompatibilities:** Strong oxidizing agents.  
**Hazardous decomposition:** N/A  
**Hazardous polymerization:** Will not occur.

Section 11 Toxicological Information

**Effects of overexposure:** Skin: Causes skin irritation. Eye: Causes eye irritation. Inhalation: Due to low volatility, overexposure by inhalation is uncommon. However inhalation can cause respiratory track and mucous membrane irritation. Ingestion: Causes gastrointestinal track irritation with burning sensation in mouth, esophagus, and stomach. Abdominal pain, nausea, vomiting, hypermotility, diarrhea, headache followed by signs of nervous system depression (e.g. headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue. ASPIRATION HAZARD - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage. Pulmonary aspiration is associated with coughing and breathing difficulties. No data available for target organs. This material has not been identified as a carcinogen.

ORAL LD<sub>50</sub>: >5000mg/kg [Rat]; 28ml/kg [Rabbit]; 20ml/kg [Guinea Pig], as kerosene.

INHALATION LC<sub>50</sub>: >5000ppm [Rat], as kerosene.

DERMAL LD<sub>50</sub>: >2000 mg/kg [Rabbit], as kerosene

Section 12 Ecological Information

Data not available.

Section 13 Disposal Considerations

Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.

Section 14 Transport Information

UN number: 1268

Shipping name: Petroleum distillate, n.o.s., combustible liquid. (bulk only)

Hazard Class: 3

Packing group: PG III

Exceptions: Lty Qty ≤5L

Section 15 Regulatory Information

TSCA-listed, WHMIS (Canada): B3-Combustible liquids

Section 16 Other Information

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