



MSDS No: 0109.001.00
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MATERIAL SAFETY DATA SHEET

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	

Composition/Ingredients Information

Chemical Name	CAS#	%	TLV Units
Acid Treated Distillate Light	64742-14-9	100%	TWA: 5mg/m ³ , 10mg/m ³ STEL

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

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

Fire Fighting Measures

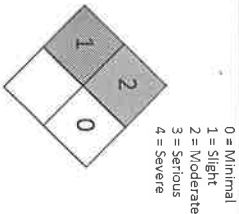
Combustible liquid.

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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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.

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.

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.

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 (H₂O = 1): 0.79 at 15.6°C
Percent volatile (%): 100 Wt%
Molecular formula: Not available
Molecular weight: Not available

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.

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 LD₅₀: >5000mg/kg [Rat]; 28ml/kg [Rabbit]; 20ml/kg [Guinea Pig], as kerosene.

INHALATION LC₅₀: >5000ppm [Rat], as kerosene.

DERMAL LD₅₀: >2000 mg/kg [Rabbit], as kerosene

Ecological Information

Section 12
Data not available.

Disposal Considerations

Section 13
Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.

Transport Information

Section 14
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

Regulatory Information

Section 15
TSCA-listed, WHMIS (Canada): B3-Combustible liquids

Other Information

Section 16
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