



# MATERIAL SAFETY DATA SHEET

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Approved by: Darius Nicpon

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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/m <sup>3</sup> ; 10mg/m <sup>3</sup> STEL

Section 3 Hazards Identification				
CAUTION! COMBUSTIBLE. MAY CAUSE SKIN, EYE AND RESPIRATORY TRACK IRRITATION.		0 = Minimal	Health	1
		1 = Slight	Flammability	2
		2 = Moderate	Physical Hazard	0
		3 = Serious	Personal Protection	C
		4 = Severe		
HMIS				

Section 4 First Aid Measures	
<b>INGESTION:</b> 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.	
<b>INHALATION:</b> Remove to fresh air. Get medical attention if necessary.	
<b>EYE CONTACT:</b> 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.	
<b>SKIN CONTACT:</b> Remove contaminated clothing. Flush thoroughly with mild soap and water. Get medical attention if	

Section 5 Fire Fighting Measures	
Combustible liquid.	
<b>Extinguishing Media:</b> Use TriClass, dry chemical extinguisher or water spray for small fires. Firefighters should use self-contained breathing apparatus and protective clothing.	
<b>Flash point:</b> 165°F/73.9°C	
<b>Autoignition temperature:</b> Not available	
<b>Explosion limits: Lower:</b> 0.7% <b>Upper:</b> 5.0%	

Section 6 Accidental Release Measures	
Restrict unprotected 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.	
<b>Handling:</b> Use hood or with adequate ventilation. Keep away from heat, sparks and flame. Avoid breathing vapor. Wash hands thoroughly after handling.	
<b>Storage:</b> Keep container in cool, well-ventilated area.	

Section 8 Exposure Controls/ Personal Protection	
<b>Engineering controls:</b> 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. <b>Respiratory protection:</b> 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	
<b>Physical state:</b> Liquid <b>Appearance:</b> Clear red liquid. <b>Odor:</b> Mild petroleum <b>pH:</b> Not available <b>Vapor Pressure ( mm Hg):</b> 0.2 <b>Vapor Density:</b> 4.5 <b>Evaporation Rate:</b> Not available <b>Viscosity:</b> Not available	<b>Boiling point:</b> 380°F/193°C <b>Melting point:</b> Not available <b>Freezing point:</b> Not available. <b>Decomposition temp:</b> N/A <b>Solubility:</b> Soluble in hydrocarbons. <b>Specific gravity (H<sub>2</sub>O = 1):</b> 0.79 at 15.6°C <b>Percent volatile (%):</b> 100 Wt% <b>Molecular formula:</b> Not available <b>Molecular weight:</b> Not available

Section 10 Stability and Reactivity	
<b>Chemical Stability:</b> Stable <b>Conditions to Avoid:</b> High temperatures, sparks open flames and incompatible materials. <b>Incompatibilities:</b> Strong oxidizing agents. <b>Hazardous decomposition:</b> N/A <b>Hazardous polymerization:</b> Will not occur.	

Section 11 Toxicological Information	
<b>Effects of overexposure:</b> 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	
<b>UN number:</b> 1268 <b>Shipping name:</b> Petroleum distillate, n.o.s., combustible liquid. (bulk only) <b>Hazard Class:</b> 3 <b>Packing group:</b> PG III <b>Exceptions:</b> Lty Qty ≤5L	

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

Section 16 Other Information	
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