



SAFETY DATA SHEET

Medallion Lamp Oil

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Medallion Lamp Oil
Synonyms: Original lamp Oil
Recommended use: Indoor Lighting (oil lamps)
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 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 location.

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%

* 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 lenses 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

Components	Type	Value	Form
Distillates (petroleum), hyrotreated light (64742-47-8)	ACGIH TWA	179 mg/m3	Vapor

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: May be clear, red, blue or green
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
Boiling Range: 372°F (189°C) - 410°F (210°C)
Flammable Limits (Approximate volume % in air): LEL: 0.7 UEL: 6
Autoignition Temperature: >428°F (220°C)
Decomposition Temperature: Not Available
Viscosity: 1.4 cSt at 40 °C
Vapor Pressure: 0.29 - 0.5 mm Hg (room temperature)
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
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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

Hazard Class	Conclusion / Remarks
Inhalation	
Acute Toxicity: (Rat) 8 hour(s) LC50 > 5000 mg/m3 (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 401
Skin	
Acute Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.	Mildly irritating to skin with prolonged exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Eye	
Serious Eye Damage/Irritation: Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: Data available.	Not expected to be a skin sensitizer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406
Aspiration: Data available.	May be fatal if swallowed and enters airways. Based on

	physico-chemical properties of the material.
Germ Cell Mutagenicity: Data available.	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 473 474 476 478 479
Carcinogenicity: Data available.	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
Reproductive Toxicity: Data available.	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT)	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413 422

OTHER INFORMATION

For the product itself:

Vapor/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

SECTION 12 ECOLOGICAL INFORMATION

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

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

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

US federal regulations This product is hazardous according to OSHA 29CFR 1910.1200 (combustible liquid)
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

Section 302 extremely hazardous substance (40 CRF 355, Appendix A) No

Section 311/312 (40 CFR 370) No

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) Not controlled

WHMIS status Controlled

WHMIS classification B3 - Flammable/Combustible
D2B - Other Toxic Effects-TOXIC

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 - Massachusetts RTK - Substance:

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

US - New Jersey Community RTK (EHS Survey):

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

US - Pennsylvania RTK - Hazardous Substances:

Distillates (petroleum), hyrotreated 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:

1/10/02

Rev 0 - Document created.

6/28/02

Rev 1 - Added Emergency numbers (Prosar) and Non emergency contact number.

1/9/07

Rev 2 - Updated section 1

4/14/10

Rev 4 - Updated sections 8, 9 and 16

5/11/15

Rev 5 – updated to GHS format