

SAFETY DATA SHEET
LAMP FUEL USED IN WEEMS & PLATH LAMP FUEL
HD17, HD18, HD29, HD30, HD36, HD36+SN, HD3622HL, HD37, HD42,
HD4226HL, HD50, HFO-GAL, HFO-QT, HD17LWC-48 & HD23LWC-24
DISPOSABLE CELLS

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY UNDERTAKING

Trade name Weems & Plath Lamp Fuel - Liquid Parafin Wax

Synonyms C14-C16 Normal Paraffins (Alkanes)

Use Table lighting Candle Fuel

Company Weems & Plath, Inc.

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Telephone 410-263-6700
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Fax: 410-263-8713

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SECTION 2: HAZARDS IDENTIFICATION

GHS Hazards Aspiration hazard Category 1

LABEL ELEMENTS

Hazard symbols

Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.

Precautionary statements

Response P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.

Storage P405 Store locked up.

Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS-No.</u>	<u>Weight percent</u>
C14-16 Normal Paraffins (Alkanes)	90622-46-1	100

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

SECTION 4: FIRST AID MEASURES

- Eye contact** Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist
- Skin contact** Remove contaminated clothing. Launder before reuse. Wash skin with soap and water. Obtain medical attention if irritation persists. Remove contaminated clothing. Launder before reuse.
- Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
- Ingestion** Do NOT induce vomiting. Consult a physician.

SECTION 5: FIREFIGHTING MEASURES**FLAMMABLE PROPERTIES**

Fire/explosion NFPA Class IIIB combustible liquid.

Suitable extinguishing media Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)

Protective equipment and precautions for firefighters In the event of fire, wear self-contained breathing apparatus.

Further information Keep containers and surroundings cool with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up Evacuate the area and eliminate all sources of ignition. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7: HANDLING AND STORAGE

Safe handling advice Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

**Conditions for safe storage,
including any incompatibilities**

Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING MEASURES**

General ventilation normally adequate. Use only with ventilation sufficient to prevent exceeding recommended exposure limit. Keep containers and storage containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.

PERSONAL PROTECTIVE EQUIPMENT**Eyes**

Eye protection is not required under conditions of normal use. Wear safety glasses with side shields when splashing may occur.

Skin

Wear suitable protective clothing, gloves and eye/face protection, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

Inhalation

Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact. Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse.

EXPOSURE GUIDELINES

Contains no substances with occupational exposure limit values,
Recommended internal limit of 5 mg/m³ (8-hour TWA) for exposure to mists of this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid;

Color water-white, oily

Form liquid

Odor Paraffin Hydrocarbons

Odor Threshold no data available

Flash point 118 °C, 244 °F; PM;

Flammability Upper explosion limit: 4.7 %(V)

Lower explosion limit: 0.5 %(V)

Boiling point/boiling range 248 - 284 °C, 478 - 544 °F; ASTM D-86;

Melting point/range 4 °C, 39 °F; (Freeze pt.)

Auto-ignition temperature 204 °C, 400 °F;

Decomposition temperature	no data available
Flammability (solid, gas)	no data available
Vapour pressure	< 0.1 mm Hg @ 20 °C, 68 °F; API Calculation;
Vapour density	7.1
Density	no data available
Specific gravity	0.768 @16 °C, 61 °F;
Water solubility	negligible
Viscosity	2.3 - 2.5 cSt @ 40 °C, 104 °F;
pH	no data available
Evaporation rate	no data available
Partition coefficient: n-octanol/water	no data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under recommended storage conditions.
Chemical stability	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Combustion products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.
Materials to avoid	Oxidizing agents
Hazardous polymerisation	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute dermal toxicity	LD50 rabbit: > 2,000 mg/kg
Acute inhalation toxicity	LC50 rat (4 hours): > 5.8 mg/l
Acute oral toxicity	LD50 rat: > 2,000 mg/kg
Skin	Primary irritation (rabbit): 4.4 (Maximum score is 8.0) Acute dermal LD50 (rabbit) > 2,000 mg/kg

Corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
Eye damage/irritation	Primary irritation (rabbit): 1 hours; 5.7 (Max. score is 110.) (unwashed eyes), Not irritating
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	Genotoxicity in vitro: no data available Genotoxicity in vivo: no data available Assessment Mutagenicity: no data available
Reproductive toxicity	Reproductive toxicity: no data available Assessment Reproductive toxicity: no data available Teratogenicity: no data available Assessment teratogenicity: no data available
STOT - single exposure	no data available
STOT - repeated exposure	no data available
Aspiration toxicity	May be fatal if swallowed and enters airways.
Carcinogenicity	Assessment carcinogenicity: Contains no ingredient listed as a carcinogen

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
Toxicity to fish	LL50 (Pimephales promelas (fathead minnow)) 96 hours In the range of water solubility not toxic under test conditions.
Toxicity to aquatic invertebrates	EL50 (Ceriodaphnia Dubia (water flea)) 192 hours In the range of water solubility not toxic under test conditions.
Toxicity to algae	no data available
Chronic toxicity to fish	no data available

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HD4226HL, HD50, HFO-GAL, HFO-QT, HD17LWC-48 & HD23LWC-24****DISPOSABLE CELLS****Chronic toxicity to aquatic invertebrates** no data available**Biodegradation** Readily biodegradable.OECD Test Guideline 301F (28 d): 82
% Test substance: LINPAR 1417**Bioaccumulation** no data available**Mobility in soil** no data available**Other adverse effects** no data available**SECTION 13: DISPOSAL CONSIDERATIONS****Waste Code** Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements.**Disposal methods** Dispose of only in accordance with local, state, and federal regulations.**Empty containers.** Empty containers retain product residue. Dispose of in the same manner as the product. Empty Containers should not be refilled**SECTION 14: TRANSPORT INFORMATION****General Information** Not regulated by U.S. DOT, Canadian TODG, IMO/IMDG, ICAO/IATA, ADR/RID

UN Number	-
UN proper shipping name	-
Transport hazard classes	-
Packing group	-
Environmental hazards	-
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS****OSHA Hazards** See Section 2**TSCA Inventory Listing****Components**

Alkanes, C14-16

CAS-No.

90622-46-1

SARA 302 Status**Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Classification

"Immediate (acute) health hazard"

SARA 313 Chemical**Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US. EPA CERCLA Hazardous Substances (40 CFR 302)**Components**

None

HAZARD RATINGS

	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard/ Instability</u>
HMIS®	1	1	0
NFPA	1	1	0

INTERNATIONAL REGULATIONS**WHMIS Classification**

WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

European Union

Classification according to Regulation (EU) 1272/2008.

Aspiration hazard, Category 1

Repeated exposure may cause skin dryness or cracking.

Australia. Inventory of Chemical Substances (AICS)	Listed
Japan. Inventory of Existing and New Chemical Substances (ENCS)	Listed
Japan. Industrial Safety & Health Law (ISHL) Inventory	Listed
Canada. Domestic Substances List (DSL) Inventory	Listed
This product or a component is the subject of a Significant New Activity (SNAc) notice under CEPA	
Canadian Non-Domestic Substance Listing (NDSL)	Not listed
European Inventory of Existing Commercial Chemical Substances (EINECS) Listing	Listed
Philippines. Inventory of Chemicals / Chemical Substances (PICCS)	Listed
Korea. Existing Chemicals Inventory (KECI)	Listed
China. Inventory of Existing Chemical Substances (IECSC)	Listed
Mexico. National Inventory of Chemical Substances (INSQ)	Not listed
New Zealand. Inventory of Chemicals (NZIoC)	Listed

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Switzerland. Inventory of Notified New Substances (CHINV)

Listed

Taiwan. National Existing Chemical Inventory (NECI)

Listed

Please note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.

STATE REGULATIONS

California Prop. 65

Components

none

CAS-No.

SECTION 16: OTHER INFORMATION

Date of Production: June 1st, 2015/Revised 2/9/17

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