



**SAFETY DATA SHEET**  
**LAMP FUEL USED IN HOLLOWICK**  
**HD8, HD12 AND HD15 DISPOSABLE CELLS**

**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY UNDERTAKING**

**Product identifier**

Product name	Lamp Fuel used in Hollowick HD8, HD12 and HD15 Disposable Cells
Chemical name	White mineral oil (petroleum)
CAS number	8042-47-5
EC number	232-455-8

**Relevant identified uses of the substance and uses advised against**

Applications	Table Lighting Candle Fuel
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**Details of the supplier of the safety data sheet**

Name	Hollowick Inc
Address	100 Fairgrounds Drive PO BOX 305 Manlius, NY 13104
Telephone	800-367-3015 (Toll Free)
Fax	315-682-6948
Contact email	info@hollowick.com

**Emergency telephone number**

Telephone	1-800-424-9300 (CHEMTREC) Outside US: 24 hours-a-day, 7 days-a-week 1-703-527-3887 (CHEMTREC)
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**2. HAZARDS IDENTIFICATION**

**Emergency overview**

This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

**Classification of the substance according to the directive 67/548/EEC (DSD)**

Not classified

**Classification of the substance according to the regulation (EC) no. 1272/2008 (CLP)**

Not classified

**Label elements according to the regulation (EC) no. 1272/2008 (CLP)**

Hazard pictograms	-
Signal word	-
Hazard statements	-
Precautionary statements	-
Supplemental label information	Contains mineral oil which is not a dangerous substance and is not subject to hazard labelling under the CLP regulation (GHS).



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**Other hazards**

Potential health effects

**Routes of exposure:** Eye, Skin contact, Inhalation, Ingestion.

**Eyes:** No significant health hazard identified.

**Skin:** No significant health hazard identified.

**Inhalation:** No significant health hazard identified.

**Ingestion:** Negligible effect. May act as a laxative.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS No.	EC No.	Index No.	Concentration	Classification DSD/CLP	Specific concentrations limit
White mineral oil (petroleum)	8042-47-5	232-455-8	-	100%	Not classified	-
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**4. FIRST AID MEASURES**

**Description of first aid measures**

Following eye contact	If splashed into eyes, flush with clear water for 15 minutes, or until irritation subsides. If irritation still persists, call a physician.
Following skin contact	Remove contaminated clothing. Launder before reuse. Wash skin with soap and water. Obtain medical attention if irritation persists.
Following inhalation	If symptoms develop move victim to fresh air. If breathing has stopped, administer artificial respiration, and seek medical attention immediately. If indicated, administer cardiopulmonary resuscitation. If symptoms persist, obtain medical attention.
Following ingestion	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**Most important symptoms and effects, both acute and delayed**

High vapor concentration may induce headache, nausea, dizziness and respiratory irritation.  
Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

**Indication of any immediate medical attention and special treatment needed**

Notes to physician: Symptoms may be delayed.

Variability Among Individuals: Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.



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## 5. FIREFIGHTING MEASURES

<b>Extinguishing media</b>	Suitable: Dry chemical, carbon dioxide, foam, steam or water fog
<b><i>Unsuitable extinguishing media:</i></b>	Water streams will scatter liquid and spread fire, but may be used to keep fire-exposed containers and surroundings cool.
<b>Special hazards</b>	May create dense smoke during combustion
<b>Fire hazard:</b>	Mild fire hazard when heated above its flash point; material must be preheated before ignition will occur (OSHA Class IIIB).
<b>Advice for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Stop source of fuel. Shut off ignition sources. Keep exposed containers cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from spill/leak. Remove all sources of ignition.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.
<b>Methods and material for containment and cleaning up</b>	Before attempting clean up, refer to hazard data given above. 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).
<b>Reference to other sections</b>	See precautions in section 7 and 8.

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	No special requirements.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Store in a closed container away from incompatible materials.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure limit values

Component	Type	Value
Oil mist	TWA	5 mg/m <sup>3</sup>
	STEL	10 mg/m <sup>3</sup>

### Exposure controls

#### Appropriate engineering controls

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 protection

Respiratory protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respiratory protection is not required under conditions of normal use. Wear an organic vapor respirator with a mist filter if vapor, mist or spray is generated.

Skin protection: None required. However, use of protective gloves/clothing is good industrial practice.

Eye protection: None required. However, use of eye protection is good industrial practice.

Body protection: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

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.

#### Environmental exposure controls

Not available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information of basic physical and chemical properties

Physical state	Clear, oily liquid
Color	Water white
Odor	Odorless
Odor threshold	Not available
pH	Not available
Melting point	Not applicable
Boiling point	> 260°C (>500°F)



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Flash point	> 93.33°C (>200°F)
Evaporation rate	Not available
Flammability	Not available
Auto ignition temperature	Not available
Upper/lower flammability or explosive limits	Not available
Explosive properties	Not available
Oxidising properties	Not available
Vapour pressure	< 1.0 mmHg at 20°C (68°F)
Vapour density	> 1
Relative density	Not available
Solubility in water	Insoluble
Other Solvents	Not available
Decomposition temperature	Not available
Viscosity	Kinematic viscosity greater than 20.5 mm <sup>2</sup> /s measured at 40°C, 100 Saybolt Universal Seconds at 100°F

#### Other information

Specific gravity : < 1

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Chemical stability</b>	Stable under recommended storage conditions. This product is stable and will not react violently with water.  Conditions contributing to instability: High Temperature
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Strong oxidizers.
<b>Hazardous decomposition materials</b>	May include and are not limited to: oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

Acute toxicity	Based on the available information, the criteria for classification are not fulfilled.  <u>Oral</u> LD <sub>50</sub> (rat): >5000 mg/kg  May cause stomach distress, nausea or vomiting. Product has a low order of acute oral and dermal toxicity, but small amounts aspirated
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into the lungs during ingestion or vomiting may cause pulmonary injury. Aspiration of material into lungs can cause chemical pneumonitis. May act as a laxative.

Inhalation

Inhalation of mist or spray may be harmful. Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Skin corrosion/irritation

Based on the available information, the criteria for classification are not fulfilled: not expected to cause any skin irritation or harmful effects from short periods of contact. May cause skin irritation in sensitive individuals.

Serious eye damage/irritation

Based on the available information, the criteria for classification are not fulfilled: product contacting the eyes may cause slight eye irritation. However, no harmful effects are expected.

Respiratory or skin sensitisation

Not available

Germ cell mutagenicity

Not available

Carcinogenicity

Based on the available information, the criteria for classification are not fulfilled: studies indicate no carcinogenic properties.

Reproductive toxicity

Not available

STOT-single exposure

Not available

STOT-repeated exposure

Not available

Aspiration hazard

Based on the available information, the criteria for classification are not fulfilled: the kinematic viscosity is greater than 20.5 mm<sup>2</sup>/s measured at 40°C, 100 Saybolt Universal Seconds at 100°F

**12. ECOLOGICAL INFORMATION**

Toxicity

Fish

*Lepomis macrochirus*: LC<sub>50</sub> (96 h) 10000 mg/L

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Results of PBT and vPvB assessment

Not available

Other adverse effects

Not available

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Material may be picked up with solid sorbent and land filled, or incinerated in accordance with applicable federal, state, or local regulations. "Empty" containers should not be refilled.



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**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	-
Land transport (ADR/RID)	Not regulated
Onland waterway craft (ADN/ADNR)	Not regulated
Marine transport (IMDG)	Not regulated
Air transport (IATA)	Not regulated

**15. REGULATORY INFORMATION**

Safety, health and  
environmental  
regulations/legislation  
specific for the substance or  
mixture

Non-European regulations

**OSHA Hazard Communication Standard Classification**

Non-hazardous as defined by the OSHA Hazard Communication Standard.

**TSCA inventory listing**

Component: Mineral Oil

CAS Number: 8042-47-5

**SARA 302 Status**

Component: Contains no chemicals subject to SARA 302 reporting.

**SARA 311/312 Classification**

Non-hazardous according to SARA 311/312.

**SARA 313 Chemicals**

Component: Contains no chemicals subject to SARA 313 reporting.

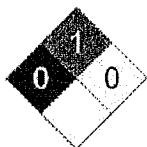
**NFPA**

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard: -



**Canadian federal regulations**

This product has been classified in accordance with the hazard criteria



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of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS status: Not Controlled

Domestic Substances List (DSL): Yes

Non-Domestic Substances List (NDSL): No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**Chemical safety assessment**

A chemical safety assessment has not been conducted on the substance by the supplier.

**16. OTHER INFORMATION**

**Date of Publication: June 1<sup>st</sup>, 2015**

This Safety Data Sheet and the information it contains are offered in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use product(s) safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.