


**SECTION 1: IDENTIFICATION**

<b>1.1 Product Identifier</b>	Trade Name – Dine-Aglow® Liquid Wax
<b>1.2 Common Names or Synonyms</b>	Normal paraffin
<b>1.3 Recommended use of the chemical &amp; restrictions on use</b>	Industrial use, Lighting
<b>1.4 Supplier's name, address &amp; telephone</b>	Dine-Aglow® Diablo Food Service Fuels Le-Jo Enterprises, Inc. 765 Pike Springs Road Phoenixville, PA 19460 484-921-9000 www.lejo.com
<b>1.5 Supplier's emergency phone number</b>	ChemTel 888-255-3924 – NORTH AMERICA ChemTel 813-248-0573 – WORLDWIDE



**SECTION 2: HAZARD(S) IDENTIFICATION**

<b>2.1 Hazard classification of the substance/mixture</b>	Aspiration hazard
<b>2.2 Signal word and ghs label elements</b>	<b>Word</b> Danger
<b>2.3 Hazard statements</b>	<b>Symbol</b> 
<b>2.4 Other hazards/statements</b>	H304: May be fatal if swallowed and enters airways Precautionary statements & responses: <ul style="list-style-type: none"> <li>• P301 + P310: IF SWALLOWED: immediately call a POISON CENTER or doctor/physician</li> <li>• P331: Do NOT induce vomiting</li> <li>• P405: Store locked up</li> <li>• P501: Dispose of contents/containers to an approved waste disposal plant</li> </ul>

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>3.1 Information of chemical ingredients; trade secret claims</b>	C14-16 Normal paraffins
<b>3.2 CAS number, EC number, etc.</b>	<b>CAS-Number</b> 90622-46-1
	<b>Weight %</b> 100

**SECTION 4: FIRST AID MEASURES**

<b>4.1 Important symptoms/effects, acute &amp; delayed</b>	<b>Eye contact</b>	Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>4.2 Required Treatments</b>	<b>Skin contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
	<b>Inhalation</b>	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
	<b>Ingestion</b>	Do NOT induce vomiting. Consult a physician.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Suitable (& unsuitable) extinguishing methods**

Water spray, foam, dry chemical, carbon dioxide (CO<sub>2</sub>)

**5.2 Specific hazards arising from the chemical**

NFPA Class IIIB combustible liquid

**5.3 Special protective equipment & precautions for firefighters**

- In the event of fire, wear self-contained breathing apparatus
- Keep containers and surroundings cool with water spray

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal & environmental precautions, protective equipment & emergency procedures**

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).

**6.2 Methods & materials for containment & cleanup**

**SECTION 7: HANDLING & STORAGE**

**7.1 Safe handling & storage precautions, including incompatibilities**

**Safe handling advice**

Ensure all equipment is electrically grounded before beginning transfer operations.

**Storage/Transport pressure**

Ambient

**Load/Unload temperature**

Ambient, above freezing point. (Product will freeze at 4°C)

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

**8.1 Control parameters based on OSHA's permissible exposure limits (PEL's) & OSHA's threshold limit values (TLV's)**

Contains no substances with occupational exposure limit values., Sasol Chemicals (USA) LLC recommends an internal limit of 5 mg/m<sup>3</sup> (8-hour TWA) for exposure to mists of this product.

**8.2 Appropriate engineering controls**

Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

**8.3 Personal protection measures & protective equipment recommendations**

**Eyes**

Wear as appropriate: Goggles, Face-shield

**Skin**

Wear suitable protective clothing, gloves and eye/face protection.

**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.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

**9.1 Physical & chemical properties**

<b>Appearance</b>	liquid;
<b>Color</b>	water-white, oily
<b>Form</b>	liquid
<b>Odor</b>	Hydrocarbons
<b>Odor Threshold</b>	no data available
<b>Flash point</b>	118 °C, 244 °F; PM;
<b>Flammability</b>	Upper explosion limit: 4.7 %(V) Lower explosion limit: 0.5 %(V)
<b>Boiling point/boiling range</b>	248 - 284 °C, 478 - 544 °F; ASTM D-86;
<b>Melting point/range</b>	4 °C, 39 °F; (Freeze pt.)
<b>Auto-ignition temperature</b>	204 °C, 400 °F;
<b>Decomposition temperature</b>	no data available
<b>Flammability (solid, gas)</b>	no data available
<b>Vapor pressure</b>	< 0.1 mm Hg @ 20 °C, 68 °F; API Calculation;
<b>Vapor density</b>	7.1
<b>Density</b>	no data available
<b>Specific gravity</b>	0.768 @16 °C, 61 °F;
<b>Water solubility</b>	negligible
<b>Viscosity</b>	2.3 - 2.5 cSt @ 40 °C, 104 °F;
<b>pH</b>	no data available
<b>Evaporation rate</b>	no data available
<b>Partition coefficient: n-octanol/water</b>	no data available

**SECTION 10: STABILITY & REACTIVITY**

<b>10.1 Lists chemical stability &amp; possibility of hazardous reactions</b>	<ul style="list-style-type: none"> <li>• No decomposition if stored &amp; applied as directed</li> <li>• Stable under recommended storage conditions</li> <li>• Combustion products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.</li> </ul>
<b>10.2 Conditions to avoid</b>	Keep away from heat & sources of ignition
<b>10.3 Incompatible materials</b>	Oxidizing agents
<b>10.4 Hazardous decomposition products</b>	None known

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Routes of exposure; related symptoms, acute & chronic effects, numeral measures of toxicity**

<b>Acute dermal toxicity</b>	LD50 rabbit: > 2,000 mg/kg
<b>Acute inhalation toxicity</b>	LC50 rat (4 hours): > 5.8 mg/l
<b>Acute oral toxicity</b>	LD50 rat: > 2,000 mg/kg
<b>Skin corrosion/irritation</b>	(rabbit) Repeated exposure may cause skin dryness or cracking.
<b>Eye damage/irritation</b>	Primary irritation (rabbit): 1 hours; 5.7 (Max. score is 110.) (unwashed eyes), Not irritating
<b>Respiratory or skin sensitization</b>	no data available

<b>Germ cell mutagenicity</b>	<b>Genotoxicity in vitro:</b> no data available <b>Genotoxicity in vivo:</b> no data available <b>Assessment Mutagenicity:</b> no data available <b>Reproductive toxicity:</b> no data available <b>Assessment Reproductive toxicity:</b>
<b>Reproductive toxicity</b>	no data available <b>Teratogenicity:</b> no data available <b>Assessment teratogenicity:</b> no data available
<b>STOT - single exposure</b>	no data available
<b>STOT - repeated exposure</b>	no data available
<b>Aspiration toxicity</b>	May be fatal if swallowed and enters airways.
<b>Carcinogenicity</b>	<b>Assessment carcinogenicity:</b> Contains no ingredient listed as a carcinogen

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Ecological Information

<b>Aquatic toxicity</b>	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
<b>Toxicity to fish</b>	LL50 (Pimephales promelas (fathead minnow)) 96 hours In the range of water solubility not toxic under test conditions
<b>Toxicity to aquatic invertebrates</b>	EL50 (Ceriodaphnia Dubia (water flea)) 192 hours In the range of water solubility not toxic under test conditions.
<b>Toxicity to algae</b>	no data available
<b>Chronic toxicity to fish</b>	no data available
<b>Chronic toxicity to aquatic invertebrates</b>	no data available
<b>Biodegradation</b>	Readily biodegradable. OECD Test Guideline 301F (28 d): 82 % Test substance: LINPAR 1417
<b>Bioaccumulation</b>	no data available
<b>Mobility in soil</b>	no data available
<b>Other adverse effects</b>	no data available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Disposal Considerations

<b>Waste Code</b>	Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations,
-------------------	--

**Disposal methods** mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

Dispose of only in accordance with local, state, and federal regulations

**Empty containers.** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 Transport Information**

**DOT** Not regulated  
**IATA** Not regulated  
**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**Remarks** no data available

**SECTION 15: REGULATORY INFORMATION**

**15.1 US Federal Regulations**

**OSHA Hazards (HCS 1994)**

Non-hazardous substance

**TSCA Inventory Listing**

**Components**

**CAS-No.**

Alkanes, C14-16

90622-46-1

**SARA 302 Status**

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**

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)**

none

**15.2 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

**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**

**15.3 State Regulations**

	<u>Components</u>	<u>CAS-No.</u>
California Prop. 65	none	

**SECTION 16: OTHER INFORMATION**

<b>16.1 Hazard Ratings</b>	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard/Instability</u>
	<b>HMIS®</b>	1	1
<b>NFPA</b>	1	1	0