

## SECTION 1 – IDENTIFICATION

**NAME / CODE:** C.A.-410 / 14100XX

**USE:** Liquid wax for automatic and self service car washes

**MANUFACTURER:** B.O.D. CHEMICALS INC.  
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**EMERGENCY PHONE:** 1 (877) 565-8540

## SECTION 2 – HAZARDS IDENTIFICATION

### GHS CLASSIFICATION

**PHYSICAL HAZARDS:** Flammable liquids, category 4

**HEALTH HAZARDS:** Skin corrosion / Irritation, category 2  
Serious eye damage / Eye irritation, category 1  
Sensitization - Skin, category 1  
Carcinogenicity, category 1B  
Aspiration hazard, category 1

**ENVIRONMENTAL HAZARDS:** Not available

### GHS LABEL ELEMENTS

**PICTOGRAM:**



**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:** Combustible liquid. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause cancer. May be fatal if swallowed and enters airways.

### PRECAUTIONARY STATEMENTS

**PREVENTION:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Avoid breathing vapours. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**RESPONSE:** **In case of fire:** Use water spray, carbon dioxide, and alcohol-resistant foam for extinction. **If on skin:** Wash with plenty of soap and water. Specific treatment (see supplemental first aid on the label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. **If in eyes:** Rinse immediately and cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, keeping eyelids open. Immediately call a POISON CENTER or doctor/physician. **If exposed or concerned:** Get medical advice/attention. **If swallowed:** Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**STORAGE / DISPOSAL:** Store in a well-ventilated place. Store locked up. Dispose of contents/container in accordance with local regulations. (see 13<sup>th</sup> section).

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Distillates (petroleum), hydrotreated middle	064742-46-7	10 – 30

Fatty acids, coco, reaction products with diethylenetriamine and soya fatty acids, ethoxylated, chloromethane-quaternized

068604-75-1

10 - 30

Fragrance

mixture

3 – 7

Ethylene glycol butyl ether

000111-76-2

1 – 5

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## SECTION 4 – FIRST AID MEASURES

<b>SKIN:</b>	Remove contaminated clothing. Wash with plenty of soap and water. Consult a physician if irritation persists.
<b>EYES:</b>	Rinse cautiously with water for 10-15 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
<b>INGESTION:</b>	Rinse mouth. Do not induce vomiting. Drink 3 to 4 glasses of water. Do not give anything by mouth if victim is unconscious. Call a physician immediately.
<b>INHALATION:</b>	Breathe fresh air. Give artificial respiration if necessary. Consult a physician if discomforts persist.
<b>MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:</b>	Skin: Irritation, redness of the skin. Inhalation: May cause lung inflammation or damage if enters lungs through vomiting or swallowing. Inhalation may cause irritation of the nose, throat and respiratory tract.
<b>TO PHYSICIAN:</b>	Treat symptoms.

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## SECTION 5 – FIRE-FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	Water spray, carbon dioxide, chemical powder, foam.
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	Do not use water jet as an extinguisher, as this will spread the fire. Do not use an extinguisher containing halogenated agents.
<b>SPECIFIC HAZARDS OF THE HAZARDOUS PRODUCT:</b>	<b>The product is flammable.</b> In case of fire, toxic fumes are emitted. The product does not burn itself but can decompose during heating to produce carbon monoxide and dioxide and toxic fumes. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Wear protective clothing and self-contained breathing apparatus if necessary.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:</b>	Avoid contact of the product with eyes and skin. Wear gloves, safety goggles and respirator if needed. Avoid breathing vapours. Prevent discharge in sewers.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Avoid the spillage or runoff entering drains, sewers or watercourses.
<b>METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:</b>	Wear protective clothing. Control spill to prevent runoff into sewers. Cover with inert absorbent material and recover in suitable containers. Sweep and rinse with water.

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## SECTION 7 – HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING:</b>	Avoid contact of the product with eyes and skin. Wash thoroughly after handling.
<b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:</b>	Keep containers closed, in fresh, dry and well ventilated area, away from incompatible materials.

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

No occupational exposure limits known.

**APPROPRIATE ENGINEERING CONTROL:** Good ventilation

## PERSONAL PROTECTIVE EQUIPMENT



<b>SKIN:</b>	Protective clothing. Impermeable gloves.
<b>EYES:</b>	Wear a face shield and safety glasses.
<b>RESPIRATORY:</b>	If ventilation is inadequate, suitable respiratory protection must be worn.
<b>HYGIENE MEASURES:</b>	Wash hands after handling.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE / FORM:</b>	Clear liquid
<b>COLOR:</b>	Colorless
<b>ODOR:</b>	Citrus
<b>ODOR THRESHOLD:</b>	Not available
<b>pH:</b>	Not applicable
<b>MELTING POINT / FREEZING POINT (°C):</b>	-96
<b>BOILING POINT (°C):</b>	176
<b>FLASH POINT (°C):</b>	> 43
<b>EVAPORATION RATE:</b>	0.2
<b>EXPLOSIVE LIMITS:</b>	Not available
<b>VAPOUR PRESSURE:</b>	< 2 mm Hg
<b>VAPOUR DENSITY:</b>	4.7
<b>DENSITY (kg/L):</b>	0.83 - 0.85
<b>WATER SOLUBILITY:</b>	Immiscible
<b>PARTITION COEFFICIENT N-OCTANOL / WATER:</b>	Not available
<b>AUTOIGNITION TEMPERATURE (°C):</b>	237
<b>DECOMPOSITION TEMPERATURE (°C):</b>	Not available

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## **SECTION 10 – STABILITY AND REACTIVITY**

<b>REACTIVITY:</b>	No dangerous reaction known under conditions of normal use.
<b>CHEMICAL STABILITY:</b>	Stable at normal ambient temperatures and when used as recommended.
<b>HAZARDOUS REACTIONS:</b>	Hazardous polymerisation does not occur.
<b>CONDITIONS TO AVOID:</b>	High temperatures, sparks, flames. Contact with incompatible materials.
<b>INCOMPATIBILITY:</b>	Strong oxidizing agents and strong acids, including acidic clays, peroxides, halogens, vinyl chloride and iodine pentafluoride.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Not available.

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

### INFORMATION ON LIKELY ROUTES OF EXPOSURE

<b>SKIN:</b>	Causes skin irritation.
<b>EYES:</b>	May cause an irritation.
<b>INHALATION:</b>	May cause irritation of the nose, throat and respiratory tract.
<b>INGESTION:</b>	May be fatal if swallowed and enters airways.

### **INFORMATION ON TOXICOLOGICAL EFFECTS**

<b>ACUTE ORAL TOXICITY:</b>	LD50 (oral, rat): 2 g/kg. No health effects (normal conditions of use).
<b>ACUTE DERMAL TOXICITY:</b>	LD50 (dermal, lapin): 5 g/kg. No health effects (normal conditions of use).
<b>ACUTE INHALATION TOXICITY:</b>	Not available. No health effects (normal conditions of use).
<b>SKIN CORROSION / IRRITATION:</b>	Causes skin irritation.
<b>SERIOUS EYE DAMAGE / EYE IRRITATION:</b>	May cause an irritation.
<b>RESPIRATORY SENSITIZATION:</b>	Not expected to cause respiratory sensitization.
<b>SKIN SENSITIZATION:</b>	May cause an allergic skin reaction.
<b>GERMINAL CELL MUTAGENICITY:</b>	No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.
<b>CARCINOGENICITY:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.
<b>REPRODUCTIVE TOXICITY:</b>	No potential reproductive toxicity.
<b>SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:</b>	Not classified.
<b>SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:</b>	Not classified.
<b>ASPIRATION HAZARD:</b>	May be fatal if swallowed and enters airways.

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## **SECTION 12 – ECOLOGICAL INFORMATION**

<b>ECOTOXICITY:</b>	d-Limonene LC50, Fish and Daphnia magna, 0.1-1 mg/l, 48h
<b>PERSISTENCE AND DEGRADABILITY:</b>	Not available
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not available
<b>MOBILITY IN SOIL:</b>	Not available
<b>OTHER ADVERSE EFFECTS:</b>	Not available

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## **SECTION 13 – DISPOSAL CONSIDERATIONS**

<b>DISPOSAL INSTRUCTIONS:</b>	Collect in appropriate containers and recycle or dispose the product at a licensed waste disposal site or in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.
<b>HAZARDOUS WASTE CODE:</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>CONTAMINATED PACKAGING:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## **SECTION 14 – TRANSPORT INFORMATION**

**TDG:** UN2319, TERPENE HYDROCARBONS, N.O.S. Class 3, PG III

**SPECIAL PRECAUTIONS FOR USER:** Read safety instructions, SDS and emergency procedures before handling.

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## **SECTION 15 – REGULATORY INFORMATION**

Ingredients included on inventory of DSL (Canada), REACH, TSCA (USA)

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## **SECTION 16 – OTHER INFORMATION**

**PRODUCT NAME:** D-LIMO

**CODE:** 4000XX

**IN CASE OF ACCIDENTAL SPILL:** CANUTEC (Canada): 1 (613) 996-6666

**PREPARED BY:** B.O.D. CHEMICALS INC.

**PHONE:** (450) 443-5556

**DATE:** October 29<sup>th</sup>, 2019

B.O.D. CHEMICALS INC. assume no responsibility for damages or physical injuries resulting in the use of this product. The user recognizes the risk in the use of this product and must consult and respect directions and dangers of this product.