

SECTION 1 - IDENTIFICATION

Product identifier/Trade name: LEMON OIL

Other means of identification: LEOI

Recommended use and restriction on use: Furniture and wood treatment

Restriction on use: For industrial and institutional use only.

Initial supplier identifier: Chemotec (PM) Inc.
8820 Place Ray-Lawson
Anjou, Quebec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION**2a WHMIS 2015 - GHS (Globally Harmonized System) classification**

This product is classified as:

ASPIRATION HAZARD - Category 1

**2b Label elements****Precautionary statement**

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations

Signal word:

Danger

Hazard statements

May be fatal if swallowed and enters airways.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Distillates (petroleum), hydrotreated middle	64742-46-7	99	ASPIRATION HAZARD - Category 1

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin contact:

Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion:

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4b Most important symptoms and effects

Eye:	No known significant effects or critical hazards..
Skin:	Defatting to the skin. May cause skin dryness and irritation. Adverse symptoms may include the following: irritation dryness cracking
Inhalation:	No known significant effects or critical hazards..
Ingestion:	May be fatal if swallowed and enters airways. Adverse symptoms may include the following: nausea or vomiting

4c Immediate medical attention and special treatment needed

If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

Specific treatment: Treat symptomatically and supportively.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing first aid to give mouth-to-mouth resuscitation.

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media

Suitable extinguishing media:

Use dry chemical, CO₂, alcohol-resistant foam or water spray (fog).

Unsuitable extinguishing media:

Do not use water jet.

Specific hazards for product

Hazardous combustion products:

Oxides of carbon and other irritating gases.

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment and emergency procedures

Personal protection:

Avoid contact with eyes and skin. Use adequate aeration and ventilation. Floor will be slippery in case of a spill.

Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

6c Environmental precautions:

Product is not biodegradable. Do not let product go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:

Avoid contact with eyes and skin. Avoid breathing vapor or mist.

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store with food products.

7c Special packaging materials: none.

No incompatibility with most materials found in most workplaces. Avoid contact with strong oxidizing agents.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
Distillates (petroleum), hydrotreated middle	5 mg/m ³ Inhalable fraction	None established	

8b Engineering controls:

Not required under normal applications.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications.

Skin protection and other protective equipment:

Rubber gloves. Rubber boots for large spills.

Eye / face protection:

In case of possible contact, safety glasses.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes and skin. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour:	Clear liquid, lemon scent
Odour threshold:	Not available
pH :	Not applicable
Melting point and freezing point:	Not applicable
Boiling point:	Not applicable
Flash point:	122°C (closed cup)
Evaporation rate (n-BuAc =1):	Not available
Lower flammable limit (% by volume):	Not available
Upper flammable limit (% by volume):	Not available
Explosion data - Sensitivity to mechanical impact:	Not available
Explosion data - Sensitivity to static discharge:	Not available
Vapour pressure (mm Hg)	Not available
Vapour density:	Not available
Specific gravity or density (water = 1 at 4 °C):	Approximately 0.85
Solubility in water:	Insoluble
Partition coefficient – n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature	Not available
Viscosity:	3.6 cSt @ 40 °C

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable when used as directed.

10b Chemical stability :

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong oxidizers.

10e Incompatible materials

Avoid contact with strong oxidizing agents.

10f Hazardous decomposition products:

With strong oxidizers and high temperatures: oxides of carbon, smoke and other irritating vapours.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye, skin and ingestion.

Eye: No additional information.

Skin: No additional information.

Inhalation: No additional information.

Ingestion: No additional information.

Carcinogenicity:

No additional information.

Teratogenicity, mutagenicity, other reproductive effects:

No additional information.

Skin sensitization:

No additional information.

Respiratory tract sensitization:

Not available

Synergistic materials:

Not available

Other important hazards:

Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 5000 mg/Kg, oral, rat and greater than 2000 mg/Kg, dermal rabbit.; our products are not tested on animals.

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity :

Not available

12b Persistence and degradability:

Not available

12c Bioaccumulation potential:

Not available

12d Mobility in soil:

Not available

12e Other adverse effect

No known significant effects or critical hazards.

SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada : Not regulated

UN number

Proper shipping name:

Class:

Packing group:
Special case:
Limited Quantity

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

WHMIS 2015 Classification:

See section 2a

CEPA information:

Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision 2017-11-03

References:

1. Citgo SDS.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the MSDS