

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **LEMON OIL**
Product Use: Furniture and Wood Treatment

WHMIS Class: D2B
TDG Classification: Not regulated
UN Number: Not applicable
T.D.G. Shipping Name: Not regulated

Manufactured by
Chemotec (PM) Inc.
8820 Place Ray Lawson
Anjou, Quebec, Canada H1J 1Z2
Telephone: (514) 729-6321; 1-800-729-6321

Emergency Phone: as above or call **CANUTEC** (613) 996-6666 in case of **chemical emergency only.**

SECTION 2: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt %</u>	<u>TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Severely hydrotreated paraffinic oil	64742-46-7	60 – 100	5 mg/m ³ (oil mist)	n/a	> 5000 mg/kg (oral, rat)

SECTION 3: PHYSICAL DATA

Boiling Point (°C): > 200
Vapor Pressure (mm Hg): <0.1

Vapor Density (Air = 1): 8.3
Solubility in Water: insoluble
Physical State: Liquid
Appearance and Odor: Clear yellow liquid with lemon odor.

Specific Gravity (H₂O = 1): 0.8 at 20 °C
% Volatile (Wt %): 86% Volatile organic compounds
Evaporation Rate (Water = 1): n/a
pH (as supplied): n/a
Viscosity: n/a
Odor Threshold (ppm): n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flammability: Not flammable, not combustible. May burn if exposed to high temperatures, open flames and other ignition sources. Dense smoke may be generated while burning.

Flash Point (TCC, °C): > 93.3 LEL: Not available UEL: Not available

Hazardous Combustion Products: Smoke, carbon oxides.

Autoignition Temperature (°C): Not applicable.

Means of Extinction: Foam, dry chemicals, carbon dioxide. Do not use a stream of water direct into the product to extinguish the fire.

Special Fire Hazards: Dense smoke may be generated while burning.

SECTION 5: REACTIVITY DATA

Conditions for Chemical Instability: This product is stable under normal conditions.

Incompatible Materials: Strong oxidizing agents.

Reactivity, and Under What Conditions: Not available.

Hazardous Decomposition Products: Carbon oxides may be generated as products of combustion.

SECTION 6: TOXICOLOGICAL PROPERTIES

Route of Entry: Eyes, skin, ingestion, inhalation.

EFFECTS OF ACUTE EXPOSURE:

Eye: Slight irritation.

Skin: Slight irritation and skin dryness may appear.

Ingestion: Small ingestion may cause gastrointestinal discomfort. Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, headache, weakness, nausea. Loss of consciousness and convulsions followed by death may result.

Inhalation: Breathing high concentration of mist may cause lung and throat irritation, aspiration pneumonia.

EFFECTS OF CHRONIC EXPOSURE:

Irritancy: Prolonged or repeated contacts with skin may cause some irritation: skin dryness, redness, dermatitis.

Skin Sensitization: Unknown.

Carcinogenicity: Not carcinogenic as per OSHA Hazard Communication standard

Teratogenicity, Reproductive Effects: Unknown.

Mutagenicity: Unknown.

Synergistic Materials: None known.

SECTION 7: PREVENTATIVE MEASURES

Gloves: Plastic or rubber gloves to manipulate large quantities of the pure product.

Eye Protection: Safety glasses with side shields to manipulate large quantities.

Respiratory Protection: Not required, if adequate ventilation is available.

Other Protective Equipment: Waterproof boots and apron if large spill.

Engineering Controls: Shower and eye wash station if large quantities are manipulated. Provide adequate ventilation.

Leak and Spill Procedure: Wear personal protective equipment. Stop the leak. Contain spill. Remove all sources of ignition. Pump the product into drums for disposal, or clean up spills using absorbent material and place in waste container for disposal. Residue left on the floor may make it slippery. Clean up with detergent and water.

Waste Disposal: Dispose according to existing federal, provincial and municipal regulations.

Storage Requirements: Keep in original tightly closed containers, in a well ventilated room. Keep away from heat, sparks, open flame or oxidizing agents. Keep from freezing.

SECTION 8: FIRST AID

Eye: Immediately rinse with plenty of water for several minutes, keeping eyelids open. Seek medical attention.

Skin: Rinse with water. Remove soiled clothes and wash before wearing. Seek medical attention should an irritation develop.

Inhalation: Bring the person to fresh air. Seek medical attention if discomfort persists.

Ingestion: Drink plenty of water or milk. Do not induce vomiting. Seek medical attention immediately.

SECTION 9: PREPARATION INFORMATION

Date: 2011-09-22

Phone: (514) 729-6321

Prepared by:

Chemotec (PM) Inc.

Abbreviation :

n/a : not available

n/ap: not applicable

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).