

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Lemon Oil

EFFECTIVE DATE: January 8, 2009

WHMIS CLASS: B3C, Combustible; D2B, Toxic

T.D.G. CLASSIFICATION: Not Regulated

UN: N/A CLASS: N/A PG: N/A CHEMICAL FAMILY:

MATERIAL USE: Furniture polish

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	%Wt/Wt	ACGTH-TLV	LC50	LD50
Petroleum distillate	Not listed	60-100		Not Available	Not Available
Mineral oil	8012-95-1	10-30		Not Available	Not Available

PHYSICAL DATA

BOILING POINT(°C): Not Available

COEF. OF WATER/OIL DIST.: Not Available

VAPOUR PRESSURE (mm Hg): 7.0 @ 38°C

SPECIFIC GRAVITY: 0.772

VAPOUR DENSITY (Air=1): Not Available

PERCENT VOLATILE (by vol.): Not Available

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE (H₂O=1): Not Available

PHYSICAL STATE: Liquid

ODOUR THRESHOLD: Not Available

pH (as supplied): Neutral

FREEZING POINT(°C): Not Available

APPEARANCE AND ODOUR: Light colorless, lemon scented liquid.

FIRE AND EXPLOSION DATA

FLAMMABILITY: Not Available

FLASH POINT (Test Method): 43°C Tag closed cup.

FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER: 1.0 **UPPER:** 6.0

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide

MEANS OF EXTINGUISHING: Water fog, Foam, Carbon dioxide, Dry chemical

SPECIAL FIREFIGHTING PROCEDURES: Exclude air. Handle as a flammable liquid. Wear adequate respiratory and clothing protection. Coll. fire exposed containers with water.

FIRE AND EXPLOSION HAZARDS: Not Available

AUTOIGNITION TEMP.: Not Available

SENSITIVITY TO: MECHANICAL IMPACT: Not Available **STATIC DISCHARGE:** Not Available

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable under normal conditions.

INCOMPATIBILITY: Oxidizing material. Avoid sparks, open flames and all other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ produced on combustion.

REACTIVITY: Not Available

FIRST AID

EYE: Flush with plenty of water for 15 minutes. Get medical attention

SKIN: Wash contaminated skin with mild soap and water.

INHALATION: Remove victim to fresh air and restore breathing if required

INGESTION: Do not induce vomiting, get medical attention. Never give anything by mouth to an unconscious person.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE: Will cause irritation.

SKIN: Repeated and prolonged contact may cause irritation, and defatting dermatitis.

INHALATION: Respiratory tract irritation. Prolonged exposure to vapour concentration can cause headache, dizziness, nausea, and incoordination.

INGESTION: Gastrointestinal irritation. If aspirated, may cause lung irritation and chemical pneumonia.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: See above

IRRITANCY: Not specified

RESPIRATORY TRACT SENSITIZATION: Not specified

CARCINOGENICITY: Not specified

REPRODUCTIVE TOXIN: Not specified

TERATOGENICITY: Not specified

MUTAGENICITY: Not specified

SYNERGISTIC MATERIALS: Not specified

EXPOSURE LIMITS: Not specified

PREVENTATIVE MEASURES

GLOVES: Rubber gloves and overalls.

EYE PROTECTION: Chemical Workers goggles

RESPIRATORY PROTECTION: Not normally necessary

OTHER PROTECTIVE EQUIPMENT: Not specified.

ENGINEERING CONTROLS: Use with adequate ventilation.

LEAK AND SPILL PROCEDURE: Eliminate all sources of ignition. Absorb with absorbant material. Remove to a container. Keep this material away from sewers and waterways.

WASTE DISPOSAL: Dispose of by controlled burning (approved incinerator) or landfill absorbed material in an government approved site.

STORAGE AND HANDLING REQUIREMENTS: Store away from direct heat sources. Keep away from incompatibles.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN ·
>=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE

REACTIVITY

HEALTH

PERSONAL PROTECTION

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

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 the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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