

SLUYTER COMPANY LTD.
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PRODUCT : LEMON OIL

SECTION 01 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER.....X DISCONTINUED PRODUCTS
PREPARATION DATE.....MAY 29/09
PRODUCT NAME.....LEMON OIL
PRODUCT USES.....Wood and Metal Polish
CHEMICAL FAMILY.....Petroleum Distillate blend.

SECTION 02 : COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	T.L.V.	C.A.S. #	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
MINERAL SPIRITS	10 - 30	N/A	64742-88-7	>8 mL/kg Oral (Rat)	1400 ppm 4 Hours Inhalation (Rat)
MINERAL SEAL OIL	60 - 100	Not Available	64741-44-2	5000 mg/Kg Oral (Rat)	Not Available

SECTION 03 : HAZARDS IDENTIFICATION

ROUTE OF ENTRY:

SKIN CONTACT.....Can cause moderate skin irritation, defatting and dermatitis.
SKIN ABSORPTION.....Not applicable.
INHALATION.....See "EFFECTS OF CHRONIC EXPOSURE", below.
INHALATION CHRONIC.....Breathing of high vapour concentrations could cause dizziness, headache or even unconsciousness. May be anesthetic which could result in other central nervous system effects.
INGESTION.....Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into respiratory system could cause severe health effects (e.g. Bronchopneumonia or Pulmonary Edema).
EYE CONTACT.....Severe irritation, redness, watering and blurred vision.
EFFECTS OF ACUTE EXPOSURE.....Refer to "ROUTE ENTRY" section.
EFFECTS OF CHRONIC EXPOSURE.....May cause damage to the central nervous system. May cause nausea, headache, dizziness and drowsiness.

SECTION 04 : FIRST AID MEASURES

EYE CONTACT.....Check for and remove any contact lenses. Immediately flush with water for a minimum of 20 minutes and get medical attention.
SKIN CONTACT.....Remove contaminated clothing. Wash affected area with water and soap. Seek medical attention if irritation occurs or persists.
INHALATION.....Remove patient to fresh air. If not breathing, trained personnel should administer artificial respiration. Get medical attention.
INGESTION.....Do NOT induce vomiting. Get immediate medical attention.
ADDITIONAL INFORMATION.....Contact your local poison control centre.

SECTION 05 : FIRE FIGHTING MEASURES

FLAMMABILITY.....Flammable

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SECTION 05 : FIRE FIGHTING MEASURES

UNDER WHAT CONDITIONS.....Combustible product. May ignite if exposed to sources of heat, sparks, open flames or temperatures above the flash point.

SPECIAL PROCEDURES.....A self-contained breathing apparatus is required for fire fighting personnel. Use water spray to cool fire exposed surfaces and to protect personnel. Use water spray to cool fire exposed surfaces and to protect personnel.

FLASH POINT (METHOD)..... 42 C TAG Closed Cup (Concentrate)

AUTO IGNITION TEMPERATURE.....Not available.

UPPER FLAMMABLE LIMIT (% VOL).... 5.00

LOWER FLAMMABLE LIMIT (% VOL).... 0.70

EXTINGUISHING MEDIA.....Alcohol foam, CO2 or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS...Oxides of Carbon (CO and CO2). Toxic fumes.

SENSITIVITY TO MECHANICAL.....Not available.

IMPACT

SENSITIVITY TO STATIC.....May be sensitive.

DISCHARGE

SECTION 06 : ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....Ventilate. Remove all sources of ignition, open flames, sparks and heaters. Wear protective gear (See SECTION 8). Small spills can be wiped. Large spills must be collected for disposal. Use a non-combustible absorbent inorganic material. Prevent run-off into drains, sewers and other waterways. CAUTION: Surfaces may be slippery after use, clean thoroughly with a mineral spirits based cleaner.

SECTION 07 : HANDLING AND STORAGE

HANDLING PROCEDURES.....Avoid skin and eye contact. Avoid breathing vapours. Use adequate ventilation. Keep away from heat, sparks and open flame.

STORAGE NEEDS.....Store in a cool area, away from all sources of heat and ignition. Store in a dry, well ventilated area. Do NOT store above 49 C.

SECTION 08 : EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EYE/TYPE.....Safety glasses.

RESPIRATORY/TYPE.....If used indoors on a continuous basis or if the TLV is exceeded, the use of a cartridge type respirator (NIOSH/MSHA approved) is recommended.

GLOVES/ TYPE.....Wear impervious gloves (Neoprene or Rubber).

CLOTHING/TYPE.....Not applicable.

FOOTWEAR/TYPE.....Not applicable.

OTHER/TYPE.....Eye bath and safety shower.

VENTILATION REQUIREMENTS.....Natural or mechanical (Explosion Proof) ventilation to keep vapour levels well below the TLV.

SECTION 09 : PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....Liquid

ODOUR.....Lemon fragrance.

SPECIFIC GRAVITY.....0.80 - 0.83

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ODOUR THRESHOLD (ppm).....-1 PPM
VAPOUR PRESSURE..... 115 mmHg @ 38 C
VAPOUR DENSITY (AIR=1)..... 6.00
EVAPORATION RATE.....< 1.00 (NBUAC = 1)
BOILING POINT (deg C).....240 C - 340 C
pH.....Not applicable
SOLUBILITY IN WATER (% W/W).....Not soluble.
COEFFICIENT OF WATER/OIL.....Not available.
DISTRIBUTION
VOLATILES (%).....100%
FREEZING POINT.....< 0 C
MELTING POINT (deg C).....Not applicable
MOLECULAR WEIGHT.....Not applicable

SECTION 10 : STABILITY AND REACTIVITY

INCOMPATIBILITY.....Avoid high temperatures.
REACTIVITY CONDITIONS.....Thermal.
HAZARDOUS PRODUCTS OF.....Oxides of Carbon (CO and CO2). Toxic fumes.
DECOMPOSITION

SECTION 11 : TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL.....See "HAZARDOUS INGREDIENTS" in SECTION 2.
IRRITANCY OF MATERIAL.....Irritant upon prolonged exposure.
SENSITIZING CAPABILITY OF.....Not available.
MATERIAL
CARCINOGENICITY OF MATERIAL.....Negative.
TERATOGENICITY.....No information is available.
MUTAGENICITY.....No information is available.
REPRODUCTIVE EFFECTS.....No information is available.
SYNERGISTIC MATERIALS.....Not available.

SECTION 12 : ECOLOGICAL INFORMATION

ENVIRONMENTAL.....Not available. Can be dangerous if allowed to enter drinking water intakes. Product has an unaesthetic appearance and can be a nuisance. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds and rivers.
BIODEGRADABILITY.....Not available. The solvent portion of this product is biodegradable and vaporizes rapidly.

SECTION 13 : DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....Spilled material and water rinses are classified as chemical waste. To be disposed of in accordance with current Local, Provincial and Federal regulations.

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SECTION 14 : TRANSPORT INFORMATION

T.D.G. CLASSIFICATION.....Not regulated.

SECTION 15 : REGULATORY INFORMATION

CPR COMPLIANCE.....This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION.....Class B Div.3. Class D Div.2 Subdiv.B

SECTION 16 : OTHER INFORMATION

IMPORTANT:.....The information on this Material Safety Data Sheet is furnished without warranty, expressed or implied. All the information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations for the accuracy or sufficiency.

CANUTEC EMERGENCY (613) 996-6666

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