

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Lemon Tree

EFFECTIVE DATE: January 8, 2009

WHMIS CLASS: Not Controlled

T.D.G. CLASSIFICATION: Not specified.

UN: N/A **CLASS:** N/A **PG:** N/A

MATERIAL USE: Hard surface cleaner and deodorizer.

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	ACGTH-TLV	LC50	LD50
N-Alkyl dimethyl benzyl Ammonium Chlorides	8001-54-5	<5%	1ppm or 1.8 mg/m3	N/A	330 mg/kg Oral Rat
Sodium Carbonate	497-19-8	3.0%	N/A	N/A	3000 mg/kg Dermal Rabbit
Alkyl Phenol Thoxylate	9016-45-9	4.5%	N/A	N/A	2830 mg/kg Dermal Rat

PHYSICAL DATA

BOILING POINT(°C): 100

VAPOUR PRESSURE (mm Hg): N/A

VAPOUR DENSITY (Air=1): N/A

SOLUBILITY IN WATER: Complete

PHYSICAL STATE: Liquid

pH (as supplied): 10-10.5

APPEARANCE AND ODOUR: Yellow liquid; lemon scented.

COEF. OF WATER/OIL DIST.: Not specified.

SPECIFIC GRAVITY (H₂O=1): 1.0-1.1

PERCENT VOLATILE (by vol.): 8.2%

EVAPORATION RATE (H₂O=1): N/A

ODOUR THRESHOLD: Not specified.

FREEZING POINT(°C): Not specified.

FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable.

FLASH POINT (Deg C method): None.

UEL: N/A

LEL: N/A

HAZARDOUS COMBUSTION PRODUCTS: N/A

MEANS OF EXTINCTION: N/A

SPECIAL FIREFIGHTING PROCEDURES: No special procedures necessary.

FIRE AND EXPLOSION HAZARDS: None.

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Yes.

INCOMPATIBILITY: Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ produced on combustion.

REACTIVITY: To open flames and heat.

FIRST AID

EYE: Flush with plenty of water for at least 15 minutes.

SKIN: Flush with soap and water.

INHALATION: Not applicable.

INGESTION: Induce vomiting. Get medical attention.

TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

EYE: Irritant.

SKIN: Irritant.

INHALATION: Not applicable.

INGESTION: Ingestion will cause nausea and vomiting, and irritation of mouth and throat.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Skin irritation or dermatitis may occur upon frequent or prolonged contact.

IRRITANCY: See above.

RESPIRATORY TRACT SENSITIZATION: Irritation of throat.

CARCINOGENICITY: None.

REPRODUCTIVE TOXIN: None

TERATOGENICITY: None

MUTAGENICITY: None

SYNERGISTIC MATERIALS: None

EXPOSURE LIMITS: None

PREVENTATIVE MEASURES

GLOVES: Rubber gloves should be worn.

EYE PROTECTION: Safety goggles.

RESPIRATORY PROTECTION: Not required.

OTHER PROTECTIVE EQUIPMENT: Rubber apron and rubber footwear should be worn.

ENGINEERING CONTROLS: None.

LEAK AND SPILL PROCEDURE: Flush with water. Dispose of in accordance with provincial and local regulations.

WASTE DISPOSAL: Dispose of in accordance with provincial and local regulations.

STORAGE REQUIREMENTS: Store in a cool, dry place. Keep container closed.

HANDLING PROCEDURES: None.

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	1	1	N/AV

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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