

MATERIAL SAFETY DATA SHEET

KILL ODOR LEMON

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SECTION I: PRODUCT INFORMATION

TRADE NAME: KILL ODOR LEMON
SUPPLIER/MANUFACTURER: Hunnisett Chemicals Limited, 200 Wicksteed Avenue, Toronto, Ontario M4G 2B6 (416) 421-5212
PREPARATION DATE: August 1, 2002
PRODUCT USE: Carpet Deodorizer
PRODUCT IDENTITY: Mixture
CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Didecyl Dimethyl Amonium Chloride CAS# / NA# / UN#: 7173-51-5 CONC. (W/W): 1 - 5 %
OSHA PEL, ACGIH TLV: Not established TOXICITY: LD50 oral, rat 330 mg / kg
LD50 dermal, rabbit 1182 mg / kg

CHEMICAL IDENTITY: Alcohol Ethoxylate CAS# / NA# / UN#: 68131-39-5 CONC. (W/W): 1 - 5%
OSHA PEL, ACGIH TLV: Not available TOXICITY: LD50 oral, rat 1600 mg / kg
LD50 dermal, rabbit 2500 mg / kg

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear amber with perfume odor
ODOR THRESHOLD: Not determined SPECIFIC GRAVITY: 0.997
VAPOR PRESSURE: Similar to water VAPOR DENSITY: 0.8
EVAPORATION RATE: Not determined BOILING POINT: Approx. 100 degrees C
FREEZING POINT: Not determined pH: 6.0 - 7.0
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible WATER SOLUBILITY: 100%

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:

- (a) Not Flammable
(b)

MEANS OF EXTINCTION: Water, CO2, dry chemical
FLASHPOINT & METHOD OF DETERMINATION: Above 94 degrees C
UPPER FLAMMABLE LIMIT: None
LOWER FLAMMABLE LIMIT: None
AUTO-IGNITION TEMPERATURE: None
HAZARDOUS COMBUSTION PRODUCTS: None known
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE: Not sensitive

SECTION V: REACTIVITY DATA

CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable
NAME OF ANY SUBSTANCE OR CLASS OF
SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Anionic surfactants, oxidizing agents
CONDITIONS OF REACTIVITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: Emits toxic fumes of NOx and Cl

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

- SKIN CONTACT: Irritant
SKIN ABSORPTION: Irritant
EYE CONTACT: Irritant
INHALATION: Extremely irritating if inhaled as fine mist.
INGESTION: May cause nausea

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
EXPOSURE LIMITS: Not determined
IRRITANCY OF PRODUCT: Inhalation - see above
SENSITIZATION TO PRODUCT: None known
CARCINOGENICITY: None known
REPRODUCTIVE TOXICITY: None known
TERATOGENICITY: None known
MUTAGENICITY: None known
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Rubber gloves, safety glasses
ENGINEERING CONTROLS: Avoid inhalation. Use respirator in non ventilated areas
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Mop up
WASTE DISPOSAL: Flush to sanitary sewer if permitted by Municipal & Provincial regulations.
HANDLING PROCEDURES AND EQUIPMENT: Normal
STORAGE REQUIREMENTS: Store below 35 degrees C
SPECIAL SHIPPING INFORMATION: None

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE CONTACT: Flush with water. Consult physician.
IN CASE OF SKIN CONTACT: Flush with water.
IF INHALED: Remove to fresh air. If symptoms persist seek medical attention.
IF INGESTED: Obtain medical attention.
PHYSICIAN: Treatment based on judgment of physician and symptoms present.

SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human - system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

PREPARATION INFORMATION

PREPARED BY: J. M. Profit
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DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim all expressed or implied warranties of merchantability or of liability from the use of this product. the information contained herein, as of this date, is believed to be true and accurate, but it is the user's obligation to study the MSDS and determine the conditions for the safe use of this product.
