

MATERIAL SAFETY DATA SHEET

PROFESSIONAL SPOT LIFTER

1

SECTION I: PRODUCT INFORMATION

TRADE NAME: PROFESSIONAL SPOT LIFTER

SUPPLIER/MANUFACTURER: Hunnisett Chemicals Limited, 200 Wicksteed Avenue, Toronto, Ontario M4G 2B6 (416) 421-5212

PREPARATION DATE: June 1, 2005

PRODUCT USE: Carpet Spotting Agent

PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: 2 Butoxyethanol CAS# / NA# / UN#: 111-76-2 CONC. (W/W): 3 - 7 %
ACGIH TLV: 25 ppm TOXICITY: LD50 oral 300 mg / kg
LD50 dermal, 220 mg / kg
LC50 450 ppm

CHEMICAL IDENTITY: d-Limonene CAS# / NA# / UN#: 5989-27-5 CONC. (W/W): 3 - 7 %
OSHA PEL, ACGIH TLV: Not available TOXICITY (LD50 & LC50): No data available

CHEMICAL IDENTITY: Odorless Mineral Spirits CAS# / NA# / UN#: 68551-17-7 CONC. (W/W): 1 - 5%
OSHA PEL 500 PPM, ACGH TLV/TWA 100 PPM TOXICITY: LD50 78000 mg (oral rat)
ACGCHTLV/STEL 125 PPM

CHEMICAL IDENTITY: Alpha Olefin Sulphonate CAS# / NA# / UN#: 68439-57-6 CONC. (W/W): 1 - 5%
OSHA PEL, ACGIH TLV: TOXICITY: LD50 oral, rat 3900 mg / kg

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Opaque white - citrus odor
ODOR THRESHOLD: Not known SPECIFIC GRAVITY: 0.98
VAPOR PRESSURE: Not determined VAPOR DENSITY: 1.2
EVAPORATION RATE: Not determined BOILING POINT: 100 degrees C
FREEZING POINT: Not determined pH: 8.0 - 8.5
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable WATER SOLUBILITY: 100 %

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:

(a) Not Flammable

MEANS OF EXTINCTION: Foam, CO2, water fog or dry chemical

FLASHPOINT & METHOD OF DETERMINATION: 68 degrees C (TCC)

UPPER FLAMMABLE LIMIT: Not determined

LOWER FLAMMABLE LIMIT: Not determined

AUTO-IGNITION TEMPERATURE: Not determined

HAZARDOUS COMBUSTION PRODUCTS: None

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: Strong oxidizing agents

CONDITIONS OF REACTIVITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, H2O

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT: May be irritating

SKIN ABSORPTION: May be irritating

EYE CONTACT: May be irritating

INHALATION: May be irritating

INGESTION: May cause burning sensation & nausea

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None

EXPOSURE LIMITS: Not determined

IRRITANCY OF PRODUCT: Not determined

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

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2

SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Recommend rubber gloves & safety glasses
ENGINEERING CONTROLS: Without adequate ventilation use NIOSH mask with organic vapor cartridges
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Mop up
WASTE DISPOSAL: In accordance with 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 for 15 minutes. Consult physician.
IN CASE OF SKIN CONTACT: Wash with soap & water.
IF INHALED: Remove to fresh air. If symptoms persist seek medical attention.
IF INGESTED: Obtain medical attention. Do not induce vomiting.
PHYSICIAN: Danger of lung aspiration of O.M.S. (>5 wt % of mixture) must be weighed against toxicity of mixture.

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: Hunnisett Chemicals Ltd. PHONE NUMBER: (416) 421-5212

24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666

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.
