

MATERIAL SAFETY DATA SHEET

HEAVY DUTY SOIL LIFTER

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SECTION I: PRODUCT INFORMATION

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TRADE NAME: HEAVY DUTY SOIL LIFTER

SUPPLIER/MANUFACTURER: Chemical Specialties Mfg Corp, 200 Confederation Pkwy, Concord ON, L4L 9T7 (416) 421-5212

PREPARATION DATE: December 16, 2010

PRODUCT USE: Upholstery Prespray

PRODUCT IDENTITY: Mixture

CLASS D2B

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SECTION II: HAZARDOUS INGREDIENTS

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CHEMICAL IDENTITY: 2 Butoxyethanol CAS# / NA# / UN#: 111-76-2 CONC. (W/W): 30 - 60 %
OSHA PEL, ACGIH TLV: 25 ppm skin. TOXICITY: LD50 oral, rat 470-3000 mg / kg; LD50 dermal, rabbit 99-610 mg / kg

CHEMICAL IDENTITY: Sodium Alpha Olefin Sulfonate CAS# / NA# / UN#: 68439-57-6 CONC. (W/W): 10 - 30 %
OSHA PEL, ACGIH TLV: TOXICITY (LD50 & LC50): LD50 (oral rat) 500-5000 mg / kg.

CHEMICAL IDENTITY: d-Limonene CAS# / NA# / UN#: 5989-27-5 CONC. (W/W): 10 - 30%
OSHA PEL, ACGIH TLV: Not established TOXICITY (LD50 & LC50): LD50 (oral rat) 5000 mg/kg

CHEMICAL IDENTITY: Odorless Mineral Spirits CAS# / NA# / UN#: 8052-41-3 CONC. (W/W): 7 - 13%
OSHA PEL 500 PPM, ACGH TLV/TWA 100 PPM TOXICITY: LD50 (oral rat) >5000 mg/kg
ACGCHTLV/STEL 125 PPM

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SECTION III: PHYSICAL DATA

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PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Pale yellow with lemony odor

ODOR THRESHOLD: Not known SPECIFIC GRAVITY: 0.9 g/cc

FREEZING POINT: Not determined pH: 7.8-8.8

COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible with water WATER SOLUBILITY: 100%

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SECTION IV: FIRE AND EXPLOSION DATA

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CONDITIONS OF FLAMMABILITY:

(a) Not Flammable

(b) Product is Combustible

MEANS OF EXTINCTION: CO2, dry chemical

FLASHPOINT & METHOD OF DETERMINATION: 47.8 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

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SECTION V: REACTIVITY DATA

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CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable

NAME OF ANY SUBSTANCE OR CLASS OF

SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Aluminum and zinc containers

CONDITIONS OF REACTIVITY: Not known

HAZARDOUS DECOMPOSITION PRODUCTS: HCl, CO2

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SECTION VI: TOXICOLOGICAL PROPERTIES

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ROUTE OF ENTRY:

SKIN CONTACT: May be irritating

SKIN ABSORPTION: Irritant

EYE CONTACT: Irritant

INHALATION: Irritant - if > 1,000 ppm may have cns effects.

INGESTION: Irritant - if aspiration into lungs, may cause pulmonary injury.

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Not known

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not known

EXPOSURE LIMITS: Not known

IRRITANCY OF PRODUCT: Inhalation and ingestion - see above

SENSITIZATION TO PRODUCT: None known

CARCINOGENITY: None known

REPRODUCTIVE TOXICITY: None known

MUTAGENICITY: None known

TERATOGENICITY: None known

NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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SECTION VII: PREVENTATIVE MEASURES

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PERSONAL PROTECTIVE EQUIPMENT: Neoprene gloves, safety glasses, avoid breathing vapors.

ENGINEERING CONTROLS: Mechanical ventilation

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

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SECTION VIII: FIRST AID MEASURES

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IN CASE OF EYE CONTACT: Flush with water for 15 minutes. Consult physician.

IN CASE OF SKIN CONTACT: Flush with water.

IF INHALED: Remove to fresh air. If symptoms persist seek medical attention.

IF INGESTED: Drink 1 – 2 glasses of water. If Discomfort persists, consult physician.

PHYSICIAN: Treatment based on judgment of attending physician.

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SECTION IX: PREPARATION INFORMATION

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PREPARED BY: E. Vismantas (416) 421-5212

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

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SPECIAL PRECAUTIONS

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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.

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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.

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