

MATERIAL SAFETY DATA SHEET

PREKLEEN FOR UPHOLSTERY

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SECTION I: PRODUCT INFORMATION

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TRADE NAME: PREKLEEN FOR UPHOLSTERY

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

PREPARATION DATE: June 1, 2005

PRODUCT USE: Upholstery cleaner

PRODUCT IDENTITY: Mixture

CLASS D2B

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SECTION II: HAZARDOUS INGREDIENTS

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CHEMICAL IDENTITY: Sodium Tripolyphosphate CAS# / NA# / UN#: 7758-29-4 CONC. (W/W): 10 - 30 %
OSHA PEL, ACGIH TLV: 15 mg / cu. Meter TOXICITY: Not Available

CHEMICAL IDENTITY: Sodium Acid Pyrophosphate CAS# / NA# / UN#: 7758-16-9 CONC. (W/W): 10 - 30 %
OSHA PEL, ACGIH TLV: 15 mg / cu. Meter TOXICITY: LD50 dermal rabbit >300 mg/kg
LD50 oral, mouse >794 mg/kg

CHEMICAL IDENTITY: Alkyl Polyoxyethylene Glycol Ether CAS# / NA# / UN#: 68551-12-2 CONC. (W/W): 5 - 10 %
OSHA PEL, ACGIH TLV: Not Available TOXICITY: LD50 oral, rat >2000 mg / kg

CHEMICAL IDENTITY: Alcohol Ethoxylate CAS# / NA# / UN#: 68131-39-5 CONC. (W/W): 5 - 10 %
OSHA PEL, ACGIH TLV: Not Available TOXICITY: LD50 Oral, Rat, 1600 mg / kg.
LD50 Dermal, Rabbit, 2500 mg / kg

CHEMICAL IDENTITY: d-Limonene CAS# / NA# / UN#: 5989-27-5 CONC. (W/W): 1 - 3%
OSHA PEL, ACGIH TLV: Not established TOXICITY (LD50 & LC50): No data available

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SECTION III: PHYSICAL DATA

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PHYSICAL STATE: Powder APPEARANCE AND ODOR: White - lemony odor
ODOR THRESHOLD: None Known SPECIFIC GRAVITY: 0.5
VAPOUR PRESSURE: Not Applicable VAPOUR DENSITY: Not Applicable
EVAPORATION RATE: Not Applicable BOILING POINT: Not Applicable
FREEZING POINT: Not Applicable pH: 1 % solution: 6.5 (+ / - 0.2)
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Applicable WATER SOLUBILITY: Circa 15 %

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SECTION IV: FIRE AND EXPLOSION DATA

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CONDITIONS OF FLAMMABILITY:

(a) Not flammable

MEANS OF EXTINCTION: Water, Carbon Dioxide

FLASHPOINT & METHOD OF DETERMINATION: Not Applicable

UPPER FLAMMABLE LIMIT: Not Applicable

LOWER FLAMMABLE LIMIT: Not Applicable

AUTO-IGNITION TEMPERATURE: Not Applicable

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: Mineral Acids

CONDITIONS OF REACTIVITY: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

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**SECTION VI: TOXICOLOGICAL PROPERTIES**

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ROUTE OF ENTRY:  
SKIN CONTACT: Irritant  
SKIN ABSORPTION: Irritant  
EYE CONTACT: Irritant  
INHALATION: Irritant  
INGESTION: May cause nausea  
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Not known  
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not known  
EXPOSURE LIMITS: Not known  
IRRITANCY OF PRODUCT: See above  
SENSITIZATION TO PRODUCT: Not known  
CARCINOGENITY: Not known  
REPRODUCTIVE TOXICITY: Not known  
TERATOGENICITY: Not known  
MUTAGENICITY: Not known  
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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**SECTION VII: PREVENTITIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT: Normal Industrial Hygiene (Gloves, Glasses)  
ENGINEERING CONTROLS: Adequate Ventilation  
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Sweep Up  
WASTE DISPOSAL: In accordance with any Municipal and / or Provincial Regulations  
HANDLING PROCEDURES AND EQUIPMENT: Normal  
STORAGE REQUIREMENTS: Normal  
SPECIAL SHIPPING INFORMATION: None

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**SECTION VIII: FIRST AID MEASURES**

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IN CASE OF EYE CONTACT: Immediately flush with water at least 15 min. Seek medical attention if irritation persists.  
IN CASE OF SKIN CONTACT: Flush with water.  
IF INHALED: Remove to fresh air.  
IF INGESTED: Obtain medical attention.  
PHYSICIAN: Contains non-ionic detergent.

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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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**PREPARATION INFORMATION**

PREPARED BY: Hunnisett Chemicals Ltd. PHONE NUMBER: (416) 421-5212  
**24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666**

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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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