

MATERIAL SAFETY DATA SHEET

HELPMATE COFFEE STAIN REMOVER SOLUTION B

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SECTION I: PRODUCT INFORMATION

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TRADE NAME: HELPMATE COFFEE STAIN REMOVER - SOLUTION B

SUPPLIER/MANUFACTURER: Chemspec-Hunnisett, 1260 Lakeshore Rd. E., Mississauga, Ont., L5E 3B8 (416) 421-5212

PREPARATION DATE: April 7, 2008 Revised March 1, 2010

PRODUCT USE: Stain Remover

PRODUCT IDENTITY: Mixture

CLASS C

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SECTION II: HAZARDOUS INGREDIENTS

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CHEMICAL IDENTITY: Hydrogen Peroxide  
OSHA PEL, ACGIH TLV:

CAS# / NA# / UN#: 7722-84-1      CONC. (W/W): 15 - 40%  
TOXICITY : LD50 (oral, rat) 805 mg/kg,  
LC50 (inh rat) >0.17 ppm/4 hrs,  
LD50 (dermal, rabbit) >6,500 mg/kg

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SECTION III: PHYSICAL DATA

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PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear, odorless  
ODOR THRESHOLD: Not determined SPECIFIC GRAVITY: 1.05  
VAPOR PRESSURE: Not determined VAPOR DENSITY: Not known  
EVAPORATION RATE: Not determined BOILING POINT: Not determined  
FREEZING POINT: Not determined pH: 3.5  
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable WATER SOLUBILITY: 100%

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SECTION IV: FIRE AND EXPLOSION DATA

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CONDITIONS OF FLAMMABILITY: Not flammable

(a)

(b)

MEANS OF EXTINCTION: Not applicable

FLASHPOINT & METHOD OF DETERMINATION: Not applicable

UPPER FLAMMABLE LIMIT: Not applicable

LOWER FLAMMABLE LIMIT: Not applicable

AUTO-IGNITION TEMPERATURE: Not applicable

HAZARDOUS COMBUSTION PRODUCTS: Oxygen which supports combustion.

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: Excessive heat

NAME OF ANY SUBSTANCE OR CLASS OF

SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Reducing agents, protein material (cotton, wool, leather, etc.)

CONDITIONS OF REACTIVITY: Excessive heat

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen which supports combustion.

SPECIAL NOTE: DO NOT STORE THE MIXTURE OF SOLUTIONS "A" AND "B" IN CLOSED CONTAINERS.

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SECTION VI: TOXICOLOGICAL PROPERTIES

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ROUTE OF ENTRY:

SKIN CONTACT: Irritant

SKIN ABSORPTION: Not known

EYE CONTACT: Vapors will irritate - liquid contact can cause irreversible damage.

INHALATION: Irritant to mucous membranes.

INGESTION: Irritant and can cause burning of gastro-intestinal tract.

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Can cause ulceration.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Can cause ulceration.

EXPOSURE LIMITS: Not known

IRRITANCY OF PRODUCT: Severe

SENSITIZATION TO PRODUCT: Unknown

CARCINOGENITY: Not known

REPRODUCTIVE TOXICITY: Not known

TERATOGENICITY: Not known

MUTAGENICITY: Not known

NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not known

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**SECTION VII: PREVENTATIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT: Goggles and gloves should be worn.  
ENGINEERING CONTROLS: Normal industrial practice.  
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Dilute with water.  
WASTE DISPOSAL: In accordance with Provincial and Federal regulations.  
HANDLING PROCEDURES AND EQUIPMENT: Good industrial hygiene.  
STORAGE REQUIREMENTS: Store in cool area.  
SPECIAL SHIPPING INFORMATION: Hydrogen Peroxide, Aqueous Solution Class 5.1 UN 2984 Packing Group III

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**SECTION VIII: FIRST AID MEASURES**

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IN CASE OF EYE CONTACT: Immediately flush eyes and keep eyelids open. Contact ophthalmologist.  
IN CASE OF SKIN CONTACT: Wash with soap and water.  
IF INHALED: Remove to fresh air.  
IF INGESTED: Do not induce vomiting. Drink lots of water. Seek medical attention.  
PHYSICIAN: Possible distention from generation of oxygen.

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**SECTION XI: PREPARATION INFORMATION**

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PREPARED BY Chemspec-Hunnisett PHONE NUMBER: (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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