

MATERIAL SAFETY DATA SHEET

ENZ-ALL

1

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SECTION I: PRODUCT INFORMATION

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TRADE NAME: ENZ -ALL
SUPPLIER/MANUFACTURER: Chemspec-Hunnisett, #100, 211 Westcreek Drive, Woodbridge, Ont., L4L 9T7 (416) 421-5212
PREPARATION January 11, 2008
PRODUCT USE: Carpet Prespray
PRODUCT IDENTITY: Mixture

CLASS D2B

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SECTION II: HAZARDOUS INGREDIENTS

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CHEMICAL IDENTITY: Sodium Tripolyphosphate CAS# / NA# / UN#: 7758-29-0 CONC. (W/W): 40 - 70 %
OSHA PEL, TWA 15 mg / cu. meter. TOXICITY (LD50 & LC50): Not available

CHEMICAL IDENTITY: Sodium Carbonate CAS# / NA# / UN#: 497-19-8 CONC. (W/W): 10 - 30%
OSHA PEL, ACGIH TLV: 10 mg/cu m TOXICITY: LD50 oral, rat 2800 mg / kg
LC50 guinea pig 800 mg/kg

CHEMICAL IDENTITY: Alkylphenol Ethoxylate CAS# / NA# / UN#: 9016-45-9 CONC. (W/W): 10 - 30 %
OSHA PEL, ACGIH TLV: TOXICITY: LD50 oral, rat 3000 mg / kg;
LD50 dermal, rabbit 2830 mg / kg

CHEMICAL IDENTITY: Protease CAS# / NA# / UN#: 9014-01-1 CONC. (W/W): 1 - 3 %
OSHA PEL, ACGIH TLV: Not Available TOXICITY: Not Available

CHEMICAL IDENTITY: Sodium Xylene Sulfonate CAS# / NA# / UN#: 1300-72-7 CONC. (W/W): 1 - 3 %
OSHA PEL, ACGIH TLV: Not Available TOXICITY: Not Available

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SECTION III: PHYSICAL DATA

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PHYSICAL STATE: Powder APPEARANCE & ODOR: White with orange odor
ODOR THRESHOLD: None known SPECIFIC GRAVITY: 0.5 g / cc
VAPOR PRESSURE: Not applicable VAPOR DENSITY: Not applicable
EVAPORATION RATE: Not applicable BOILING POINT: Not applicable
FREEZING POINT: Not applicable pH: 1% solution 11.8
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable WATER SOLUBILITY: Complete

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SECTION IV: FIRE AND EXPLOSION DATA

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CONDITIONS OF FLAMMABILITY:
(a) Not Flammable MEANS OF EXTINCTION: Water, CO2
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 AND 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 EYE CONTACT: Irritant
SKIN ABSORPTION: Irritant INHALATION: Irritant - May be harmful
EYE CONTACT: Irritant INGESTION: May cause nausea
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known EXPOSURE LIMITS: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known IRRITANCY OF PRODUCT: See above
SENSITIZATION TO PRODUCT: None known CARCINOGENICITY: None known REPRODUCTIVE TOXICITY: None known
TERATOGENICITY: None known
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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**ENZ-ALL**

**2**

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**SECTION VII: PREVENTATIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT: Rubber gloves, safety glasses recommended.

ENGINEERING CONTROLS: Adequate ventilation

PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Sweep up

WASTE DISPOSAL: In accordance with Municipal & Provincial regulations

HANDLING PROCEDURES AND EQUIPMENT: Normal

STORAGE REQUIREMENTS: Normal

SPECIAL SHIPPING/TRASPORTATION OF DANGEROUS GOODS: Not regulated.

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**SECTION VIII: FIRST AID MEASURES**

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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: Contains nonionic detergent

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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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