

EA 24; EACS

MATERIAL SAFETY DATA SHEET

ENZ-ALL

1

SECTION I: PRODUCT INFORMATION

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

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Sodium Tripolyphosphate
OSHA PEL, TWA 15 mg / cu. meter.

CAS# / NA# / UN#: 7758-29-0

CONC. (W/W): 40 - 70 %

TOXICITY (LD50 & LC50): Not available

CHEMICAL IDENTITY: Sodium Carbonate
OSHA PEL, ACGIH TLV: 10 mg/cu m

CAS# / NA# / UN#: 497-19-8

CONC. (W/W): 10 - 30%

TOXICITY: LD50 oral, rat 2800 mg / kg

LC50 guinea pig 800 mg/kg

CHEMICAL IDENTITY: Alkylphenol Ethoxylate
OSHA PEL, ACGIH TLV:

CAS# / NA# / UN#: 9016-45-9

CONC. (W/W): 10 - 30 %

TOXICITY: LD50 oral, rat 3000 mg / kg;

LD50 dermal, rabbit 2830 mg / kg

CHEMICAL IDENTITY: Protease
OSHA PEL, ACGIH TLV: Not Available

CAS# / NA# / UN#: 9014-01-1

CONC. (W/W): 1 - 3 %

TOXICITY: Not Available

CHEMICAL IDENTITY: Sodium Xylene Sulfonate
OSHA PEL, ACGIH TLV: Not Available

CAS# / NA# / UN#: 1300-72-7

CONC. (W/W): 1 - 3 %

TOXICITY: Not Available

SECTION III: PHYSICAL DATA

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

SECTION IV: FIRE AND EXPLOSION DATA

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

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: Mineral acids

CONDITIONS OF REACTIVITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION VI: TOXICOLOGICAL PROPERTIES

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 CARCINOGENOCITY: None known REPRODUCTIVE TOXICITY: None known

TERATOGENICITY: None known

NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

MATERIAL SAFETY DATA SHEET

ENZ-ALL

2

SECTION VII: PREVENTATIVE MEASURES

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/TRANSPORTATION OF DANGEROUS GOODS: Not regulated.

SECTION VIII: FIRST AID MEASURES

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

SECTION IX: PREPARATION INFORMATION

PREPARED BY: E. Vismantas (416) 421-5212
24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666

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.

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.