

MATERIAL SAFETY DATA SHEET

ADVANCED GENERATION CARPET DEODORIZER

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SECTION I: PRODUCT INFORMATION

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TRADE NAME: ADVANCED GENERATION CARPET DEODORIZER CONCENTRATE (Regular, Lemon, Spring Fresh)
SUPPLIER/MANUFACTURER: Hunnisett Chemicals Limited, 200 Wicksteed Avenue, Toronto, Ontario M4G 2B6 (416) 421-5212
PREPARATION DATE: June 1, 2005
PRODUCT USE: Carpet Deodorizer
PRODUCT IDENTITY: Mixture

CLASS D2B

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SECTION II: HAZARDOUS INGREDIENTS

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CHEMICAL IDENTITY: Sodium Alpha Olefin Sulfonate CAS# / NA# / UN#: 68439-57-6 CONC. (W/W): 1 - 5
OSHA PEL, ACGIH TLV: TOXICITY (LD50 & LC50): LD50 (oral rabbit) 3900 mg / kg.

CHEMICAL IDENTITY: Anionic Polymer in Solution CAS# / NA# / UN#: 7732-18-5 CONC. (W/W): 5 - 10 %
OSHA PEL, ACGIH TLV: TOXICITY (LD50 & LC50): Not available

CHEMICAL IDENTITY: Isopropyl Alcohol CAS# / NA# / UN#: 67-63-0 CONC. (W/W): 3 - 7 %
OSHA PEL, ACGIH TLV: TOXICITY: LD50 (oral, rat) 5049 mg / kg;
LC50 (dermal) 22,640 ppm / 44 calculated rat.

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SECTION III: PHYSICAL DATA

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PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Amber color with a fresh odor
ODOR THRESHOLD: Not determined SPECIFIC GRAVITY: Approx. 1
VAPOR PRESSURE: Similar to water VAPOR DENSITY: Not determined
EVAPORATION RATE: Not determined BOILING POINT: Approx. 102 degrees C
FREEZING POINT: Not determined pH: 8.0 - 8.6
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:
(a) Not flammable
MEANS OF EXTINCTION: Treat primary cause of fire
FLASHPOINT & METHOD OF DETERMINATION: 93 degrees C (TOC)
UPPER FLAMMABLE LIMIT: None
LOWER FLAMMABLE LIMIT: None
AUTO-IGNITION TEMPERATURE: None
HAZARDOUS COMBUSTION PRODUCTS: Not determined
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: Unknown
CONDITIONS OF REACTIVITY: Not determined
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: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
EXPOSURE LIMITS: Not determined
IRRITANCY OF PRODUCT: Ingestion - mild
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: PREVENTATIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT: Eye glasses and rubber gloves  
ENGINEERING CONTROLS: Use with mechanical ventilation  
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Dilute with water and mop up  
WASTE DISPOSAL: In accordance with Provincial & Municipal 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. 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. Do not induce vomiting.  
PHYSICIAN: Treatment based on judgment of physician and symptoms present.

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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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