

MATERIAL SAFETY DATA SHEET

SMOKE SOLV ORANGE ODOR COUNTERACTANT

SECTION I: PRODUCT INFORMATION

TRADE NAME: SMOKE SOLV ORANGE ODOR COUNTERACTANT

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

PREPARATION DATE: April 30, 2008

PRODUCT USE: Deodorizer

PRODUCT IDENTITY: Mixture

CLASS D2B, B3

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: d- Limonene CAS# / NA# / UN#: 5989-27-5 CONC. (W/W): 7 - 13 %
OSHA PEL, ACGIH TLV: Not determined
TOXICITY (LD50 & LC50): LD50

CHEMICAL IDENTITY: Dipropylene Glycol CAS# / NA# / UN#: 25265-71-8 CONC. (W/W): 40-70 %
OSHA PEL, ACGIH TLV: TOXICITY (LD50 & LC50): Not determined.

CHEMICAL IDENTITY: 1-Chloro-2-Methyl Benzene mixed isomers CAS# / NA# / UN#: 25168-05-2 CONC. (W/W): 5-10 %
OSHA PEL, ACGIH TLV: TOXICITY: LD50, LC50

CHEMICAL IDENTITY: Octylphenoxy polyethoxy ethanol CAS# / NA# / UN#: 9036-19-5 CONC. (W/W): 15-40 %
OSHA PEL, ACGIH TLV: TOXICITY: Aquatic effects 96 hrs Fathead Minnow LC50 8.9 mg/l

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear orange, citrus odor
ODOR THRESHOLD: Not known SPECIFIC GRAVITY: .96
VAPOR PRESSURE: Similar to water VAPOR DENSITY: 0.8
EVAPORATION RATE: 1.1 BOILING POINT: Approx. 110 degrees C
FREEZING POINT: Not determined pH: 7.5 - 8.5
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible WATER SOLUBILITY: 100%

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:
(a) Flash Point 41 degrees C
MEANS OF EXTINCTION: Not combustible
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

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: Strong oxidizers
CONDITIONS OF REACTIVITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT: Irritant SKIN ABSORPTION: Irritant
EYE CONTACT: Irritant INHALATION: May be irritating
INGESTION: May cause nausea
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
EXPOSURE LIMITS: None known IRRITANCY OF PRODUCT: Ingestion - see above
SENSITIZATION TO PRODUCT: None known CARCINOGENICITY: None known
REPRODUCTIVE TOXICITY: None known TERATOGENICITY: None known
MUTAGENICITY: None known
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Rubber gloves, safety glasses
ENGINEERING CONTROLS: Adequate ventilation
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Mop up
WASTE DISPOSAL: In accordance with Federal & Provincial guidelines
HANDLING PROCEDURES AND EQUIPMENT: Normal
STORAGE REQUIREMENTS: Normal
SPECIAL SHIPPING INFORMATION: Extracts, Flavouring, Liquid, d-Limonene Class 3 UN 1197 Packing Group III

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE CONTACT: Flush with water. Consult physician.
IN CASE OF SKIN CONTACT: Remove contaminated clothing. Flush with water.
IF INHALED: Remove to fresh air. If symptoms persist seek medical attention.
IF INGESTED: Drink 2 glasses of water. Do not induce vomiting.
PHYSICIAN:

SECTION XI: PREPARATION INFORMATION

PREPARED BY Chemspec-Hunnisett PHONE NUMBER: (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.
