

MATERIAL SAFETY DATA SHEET

N.R.ROTO BRITE

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SECTION I: PRODUCT INFORMATION

TRADE NAME: N.R. ROTO BRITE
SUPPLIER/MANUFACTURER: Hunnisett Chemicals Limited, 200 Wicksteed Avenue, Toronto, Ontario M4G 2B6 (416) 421-5212
PREPARATION DATE: June 1, 2005
PRODUCT USE: Carpet Cleaner
PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Diethylene Glycol Monomethyl Ether CAS# / NA# / UN#: 111-77-3 CONC. (W/W): 30 - 60%
OSHA PEL, ACGIH TLV: Not available TOXICITY: LD50 oral rat - 4100 mg / kg
LC50 dermal rabbit - 2600 mg / kg

CHEMICAL IDENTITY: 2 Butoxyethanol CAS# / NA# / UN#: 111-76-2 CONC. (W/W): 15 - 40 %
ACGIH TLV: 25 ppm TOXICITY: LD50 oral 300 mg / kg
LD50 dermal, 220 mg / kg
LC50 450 ppm

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear colorless - low odor
ODOR THRESHOLD: Not determined SPECIFIC GRAVITY: 1.0
VAPOR PRESSURE: Similar to water VAPOR DENSITY: 0.8
EVAPORATION RATE: Not determined BOILING POINT: Not determined
FREEZING POINT: Not determined pH: 9.9
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible WATER SOLUBILITY: 100 %

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:
(a) Not Flammable
(b) Product is Combustible
MEANS OF EXTINCTION: Water, CO2, dry chemical
FLASHPOINT & METHOD OF DETERMINATION: 86 degrees C (TOC)
UPPER FLAMMABLE LIMIT: Not known
LOWER FLAMMABLE LIMIT: Not known
AUTO-IGNITION TEMPERATURE: Not known
HAZARDOUS COMBUSTION PRODUCTS: Acrid smoke
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: Fire
HAZARDOUS DECOMPOSITION PRODUCTS: When heated emits acrid smoke and fumes.

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT: Irritant SKIN ABSORPTION: Moderate irritant
EYE CONTACT: Irritant INHALATION: May cause drowsiness
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 & inhalation - 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: Neoprene gloves, safety glasses recommended.
ENGINEERING CONTROLS: Good ventilation to keep TLV below listed amount.
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Mop up
WASTE DISPOSAL: In accordance with Municipal & Provincial regulations.
HANDLING PROCEDURES AND EQUIPMENT: Normal
STORAGE REQUIREMENTS: Store below 35 degrees C
SPECIAL SHIPPING INFORMATION: None

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. Do not induce vomiting unless under a physician's care
PHYSICIAN: Treatment based on judgment of physician and symptoms present.

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.

PREPARATION INFORMATION

PREPARED BY: Hunnisett Chemicals Ltd. PHONE NUMBER: (416) 421-5212

24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666

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.
