

MATERIAL SAFETY DATA SHEET

N.R.ROTO BRITE

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SECTION I: PRODUCT INFORMATION

TRADE NAME: N.R. ROTO BRITE

SUPPLIER/MANUFACTURER: Chemical Specialties Mfg Corp, 901 N Newkirk St, Baltimore, MD, 21205, 800-638-7370

PREPARATION DATE: February 26, 2013

PRODUCT USE: Carpet Cleaner

PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Dipropylene glycol n-butyl ether CAS# / NA# / UN#: 29911-28-2 CONC. (W/W): 15 - 20%
OSHA PEL, ACGIH TLV: 10 mg/m3 TOXICITY: LD50 oral rat - 3700 mg / kg
LD50 dermal rabbit - 5330 mg / kg

CHEMICAL IDENTITY: Propylene glycol monomethyl ether CAS# / NA# / UN#: 107-98-2 CONC.(W/W): 5 - 10 %
OSHA PEL, ACGIH TLV: 100 ppm TOXICITY: LD50 oral rat - 7200 mg / kg
LD50 dermal rabbit - 13000 mg / kg

CHEMICAL IDENTITY: d-Limonene CAS# / NA# / UN#: 5989-27-5 CONC. (W/W): 5 - 10 %
OSHA PEL, ACGIH TLV: Not established TOXICITY LD50 oral rat 5000 mg/kg
LD50 dermal rabbit >5000 mg/kg

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear colorless - low odor
ODOR THRESHOLD: Not determined SPECIFIC GRAVITY: 0.972 g/cc
VAPOR PRESSURE: Similar to water VAPOR DENSITY:
EVAPORATION RATE: Not determined BOILING POINT: Not determined
FREEZING POINT: Not determined pH: 9.6-10.2
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible WATER SOLUBILITY: N/D

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: 51.1 degrees C
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.

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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

REPRODUCTIVE TOXICITY: None known

CARCINOGENITY: None known

TERATOGENICITY: None known

MUTAGENICITY: None known

NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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

EYES: Remove contact lenses. Flush with water for at least 15 minutes. If irritation persists, consult physician.

INGESTION: Drink 1 to 2 glasses of water. If discomfort persists, consult physician

INHALED: Remove to fresh air. If symptoms persist or are severe seek prompt medical assistance.

SKIN: Remove contaminated clothing. Thoroughly wash exposed area with soap and water.

PHYSICIAN Treatment based on judgment of attending physician.

SECTION IX: PREPARATION INFORMATION

PREPARED BY: Chemical Specialties Mfg Corp – 800-638-7370

24 HOUR EMERGENCY NUMBER: Chemtrec 800-424-9300

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.
