

MATERIAL SAFETY DATA SHEET

FORMULA 321 TRAFFIC LANE

SECTION I: PRODUCT INFORMATION

TRADE NAME: FORMULA 321 TRAFFIC LANE CLEANER

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

PREPARATION DATE: February 26, 2013

PRODUCT USE: Carpet Prespray

PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: 2 Butoxyethanol CAS# / NA# / UN#: 111-76-2 CONC. (W/W): 20 - 25 %
OSHA PEL, ACGIH TLV: 20 ppm TOXICITY: LD50 oral, rat 470 mg / kg; LD50 dermal, rabbit 99-610 mg / kg;

CHEMICAL IDENTITY: Disodium Dodecyldiphenyl Ether Disulfonate CAS# / NA# / UN#: 28519-02-0 CONC. (W/W) 5 - 10 %
OSHA PEL, ACGIH TLV: Not available TOXICITY: LD50 Not Available

CHEMICAL IDENTITY: Nitritotriacetic Acid, Trisodium Salt CAS# / NA# / UN#: 5064-31-3 CONC. (W/W): 1 - 5 %
OSHA PEL, ACGIH TLV: TWA / TLV 1 mg / cu. Meter TOXICITY: LD50 oral, rat 1000-2000 mg / kg

CHEMICAL IDENTITY: Sodium Xylene Sulfonate CAS# / NA# / UN#: 68439-57-6 CONC. (W/W): 1 – 5 %
OSHA PEL, ACGIH TLV: TOXICITY LD50 & LC50 Not Available

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear yellow, almond odor
ODOR THRESHOLD: None known SPECIFIC GRAVITY: 1.028 g/cc
VAPOR PRESSURE: Not determined VAPOR DENSITY: Not determined
EVAPORATION RATE: Not determined BOILING POINT: Not determined
FREEZING POINT: Not determined pH: 10.4 – 11.4
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not known WATER SOLUBILITY: 100 %

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:

(a) Not Flammable

MEANS OF EXTINCTION: Water spray, CO2, alcohol foam and dry chemical.

FLASHPOINT & METHOD OF DETERMINATION: Over 71 C degrees C (TCC)

UPPER FLAMMABLE LIMIT: None

LOWER FLAMMABLE LIMIT: None

AUTO-IGNITION TEMPERATURE: None

HAZARDOUS COMBUSTION PRODUCTS: None

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: Acids and strong oxidizing agents.

CONDITIONS OF REACTIVITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: Possibly noxious vapors.

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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: See above
- EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
- EXPOSURE LIMITS: None known
- IRRITANCY OF PRODUCT: 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

SECTION VII: PREVENTATIVE MEASURES

- PERSONAL PROTECTIVE EQUIPMENT: Rubber gloves, and safety glasses recommended.
- ENGINEERING CONTROLS: Adequate ventilation. NIOSH approved mask if needed.
- PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Neutralize with weak acid such as vinegar, and mop up.
- WASTE DISPOSAL: In accordance with Municipal & Provincial regulations.
- HANDLING PROCEDURES AND EQUIPMENT: Normal
- STORAGE REQUIREMENTS: Normal
- 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.
