

MATERIAL SAFETY DATA SHEET

CLEAN-ALL

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SECTION I: PRODUCT INFORMATION

TRADE NAME: CLEAN -ALL

SUPPLIER/MANUFACTURER: Collier & Company Ltd, #6. 3135 Universal Dr. Mississauga, ON (416) 201-1010

PREPARATION August 1, 2002 Revised February 4, 2004

PRODUCT USE: Carpet Prespray

PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Sodium Tripolyphosphate CAS# / NA# / UN#: 7758-29-0 CONC. (W/W): 40 - 70 %
OSHA PEL, TWA 15 mg / cu. meter. TOXICITY (LD50 & LC50): Not available

CHEMICAL IDENTITY: C9-11Alcohol Ethoxylates CAS# / NA# / UN#: 68439-46-3 CONC. (W/W): 10-30%
OSHA PEL, ACGIH TLV: TOXICITY: LD50, LD50 dermal Not Established

CHEMICAL IDENTITY: Trisodium Nitrilotriacetate CAS# / NA# / UN#: 18662-53-8 CONC. (W/W): 5 - 10%
OSHA PEL, ACGIH TLV: TWA/TLVdust 1 mg / cu. Meter TOXICITY: LD50 oral, rat 1470 mg / kg

CHEMICAL IDENTITY: Sodium Silicate CAS# / NA# / UN#: 6834-92-0 CONC. (W/W): 10 - 30%
OSHA PEL, ACGIH TLV: Not established TOXICITY: LD50 oral, rat 847 mg / kg

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Powder APPEARANCE & ODOR: White with orange odor
ODOR THRESHOLD: None known SPECIFIC GRAVITY: 0.5 g / cc
VAPOR PRESSURE: Not applicable VAPOR DENSITY: Not applicable
EVAPORATION RATE: Not applicable BOILING POINT: Not applicable
FREEZING POINT: Not applicable pH: 1% solution 11.8
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable WATER SOLUBILITY: Complete

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:
(a) Not Flammable MEANS OF EXTINCTION: Water, CO2
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 AND 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: Mineral acids
CONDITIONS OF REACTIVITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION VI: TOXICOLOGICAL PROPERTIES

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

SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Rubber gloves, safety glasses recommended.
ENGINEERING CONTROLS: Adequate ventilation
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Sweep up
WASTE DISPOSAL: In accordance with Municipal & Provincial regulations
HANDLING PROCEDURES AND EQUIPMENT: Normal
STORAGE REQUIREMENTS: Normal
SPECIAL SHIPPING INFORMATION: Not required.

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.
PHYSICIAN: Contains nonionic detergent

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: Collier & Company Ltd. PHONE NUMBER: (416) 201-1010
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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.
