



Carpet Spotting Kit  
**Odor Eliminator Enzyme**  
**MATERIAL SAFETY DATA SHEET**

Manufactured by:  
**TENNANT**  
 701 North Lilac Drive  
 P.O. Box 1452  
 Minneapolis, MN 55440-1452

**EMERGENCY PHONE NUMBERS:**

CHEMTREC: (800) 424-9300 (24 hrs)  
 CANADA: CANUTEC (613) 996-6666 (24 hrs)

District of Columbia: (202) 483-7616 (24 hrs)  
 MSDS Requests: (800) 553-8033

**PREPARATION INFO:**

By: Kevin Hobbie (763) 540-1471 (days)  
 (612) 834-0118 (mobile)

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Issue Date:	HAZARD RATING	NFPA	HMIS	NFPA	HMIS	4 = Extreme	3 = High	0 = Insignificant
May 4, 2010	Health	0	0	Reactivity	0	2 = Moderate	1 = Slight	COR = Corrosive
Supersedes: August 21, 2009	Fire	0	0	Special	0			X = Ask supervisor for guidance.
Printed: 5/5/2010								

\*\*\*\*\* I. IDENTIFICATION \*\*\*\*\*

**PRODUCT NAME:** Carpet Spotting Kit  
 Odor Eliminator Enzyme  
**PART NUMBER:** 111002 (kit only)  
**CHEMICAL FAMILY:** Mixture bioenzymatics, detergents & deodorizer in water  
**MATERIAL USE:** Commercial Detergent

**US DEPT OF TRANSPORTATION (GROUND):**  
**UN#:** None Allocated **PACKAGING GROUP:** Not Applicable  
**HAZARD CLASSIFICATION:** Not Available  
**SHIPPING NAME:** Not Available

\*\*\*\*\* II. PHYSICAL DATA \*\*\*\*\*

**BOILING POINT:** 210°F / 98.9°C  
**DENSITY:** 1.0 kg/L  
**SOLUBILITY IN WATER:** Complete  
**ODOR THRESHOLD:** Not Available  
**PHYSICAL FORM:** Liquid  
**APPEARANCE AND ODOR:** Clear/Clean & Fresh  
**EVAPORATION RATE:** Faster THAN N-BUTYL ACETATE  
**MECHANICAL IMPACT:** Not Available

**FREEZE POINT:** Not Available / Not Available  
**% VOLATILE:** 0 by wt  
**VAPOR PRESSURE:** Not Available mm Hg at 20 °C.  
**pH:** 6-8  
**VAPOR DENSITY:** Heavier THAN AIR  
**COEFFICIENT WATER/OIL DISTRIBUTION:** Not Available  
**VOC g/L (lb/gal):** 0 (0.00)  
**STATIC DISCHARGE:** Not Available

\*\*\*\*\* III. INGREDIENTS \*\*\*\*\*

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Hazardous ingredients, defined as Controlled Products by Canadian WHMIS, are identified by (HSD) after the chemical ingredient. This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and the MSDS contains all of the information required by the CPR.

<u>CHEMICAL</u>	<u>CAS #</u>	<u>% W</u>	<u>OSHA PEL</u> <u>ppm</u>	<u>ACGIH TLV</u> <u>TWA ppm</u>	<u>ACGIH TLV</u> <u>STEL ppm</u>	<u>LD50</u>	<u>LC50</u> <u>INHALATION</u>
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Hazardous Ingredients = None \*

\*Proprietary - Listed in TSCA C.S. Inventory

**SARA Title III Section 313 Information:**

Components present in this product at a level which could require reporting under this statute are:  
 None

**California Proposition 65 Information:**

This product contains the following chemicals that have been designated as cancer and/or reproductive hazards under California Proposition 65.  
 None

\*\*\*\*\* IV. FIRE AND EXPLOSIVE HAZARD DATA \*\*\*\*\*

**FLAMMABLE:** No **FLASH POINT:** None / None Setofflash  
**FLAMMABLE LIMITS:** % LEL: Not Available % UEL: Not Available **AUTOIGNITION TEMPERATURE** Not Available / Not Available  
**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, halon system or foam.  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Minimize prolonged skin and eye contact. Wear eye protection if exposure if likely.  
**UNUSUAL FIRE EXPLOSION HAZARD:**  
None known.

\*\*\*\*\* V. REACTIVITY DATA \*\*\*\*\*

**STABILITY:** Stable **HAZARDOUS POLYMERIZATION (May Occur/Will Not Occur):** Will Not  
**CONDITIONS TO AVOID:** Stable under normal conditions.  
**INCOMPATIBILITY (materials to avoid):** None known.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** If in a fire: carbon monoxide, carbon dioxide, hydrocarbons.

\*\*\*\*\* VI. HEALTH HAZARD DATA \*\*\*\*\*

**EFFECTS OF OVEREXPOSURE:** **THRESHOLD LIMIT VALUE - See Section III for individual ingredients.**  
**PRIMARY ROUTES OF ENTRY:** Skin & Eyes  
**SKIN CONTACT/ABSORPTION:** Contains alkaline materials that can cause skin burns.  
**EYE CONTACT:** May cause irritation from misting.  
**INGESTION (Swallowing):**  
No effects reported.  
**INHALATION (Breathing):**  
Breathing of mists may cause irritation.  
**SUPPLEMENTAL HEALTH INFORMATION:**  
Ingredients are NOT carcinogenic, based on the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) lists.

\*\*\*\*\* VII. EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

**SKIN CONTACT:** Wash skin with soap and plenty of water. Remove contaminated clothing and wash before wearing again.  
**EYE CONTACT:** Flush immediately with water for 15 minutes. Obtain medical attention if discomfort persists.  
**INGESTION (Swallowing):** Drink a lot of water or, preferably, milk. Get medical attention if effects persist.  
**INHALATION (Breathing):** Remove to fresh air. Restore breathing if required. If breathing difficulty persists or occurs later, consult a physician.

\*\*\*\*\* VIII. PREVENTIVE MEASURES \*\*\*\*\*

**SPILL OR LEAK PROCEDURES** **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Do not drain to sewer without dilution. Larger spills should be contained by diking or other methods and held for disposal or reuse.  
**WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.  
**SPECIAL PROTECTION INFORMATION**  
**RESPIRATORY PROTECTION and VENTILATION:**  
Use with adequate ventilation.  
No special requirements under ordinary conditions of use and with adequate ventilation.  
**PROTECTIVE GLOVES (specify type):** Impervious gloves; i.e., rubber  
**SKIN PROTECTION:** Impervious gloves; i.e., rubber  
**EYE PROTECTION (specify type)**  
Chemical splash goggles  
**SPECIAL PRECAUTIONS:** **PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE:**  
Store inside in a cool (below 100°F or 37.5°C), dry place. KEEP FROM FREEZING.  
**OTHER PRECAUTIONS:** Do not take internally. Avoid prolonged contact with skin; contaminated clothing should be removed immediately. Avoid free fall of liquid in excess of a few inches.