



# MATERIAL SAFETY DATA SHEET

TAKEAWAY Enzyme-Boosted Deodorizing  
Carpet Spot Remover

Date Prepared: 06/07/2000  
Date Revised: 06/07/2000

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: TAKEAWAY Enzyme-Boosted Deodorizing Carpet Spot Remover

### MANUFACTURER

The Butcher Company  
67 Forest Street  
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475  
Emergency Telephone (24 hours): 800-228-5635  
CHEMTREC (U.S./Can.): 800-424-9300  
CHEMTREC (Int'l): +1 703-527-3887

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>INGREDIENT(S)</u>                | <u>CAS NO.</u> | <u>% BY WEIGHT</u> |
|-------------------------------------|----------------|--------------------|
| Naphthalene sodium sulfonate        | 26264-58-4     | 7 - 10             |
| Viable bacterial cultures           | NA             | 5 - 7              |
| Dipropylene glycol butoxy ether     | 29911-28-2     | 3 - 5              |
| Dipropylene glycol monomethyl ether | 34590-94-8     | 3 - 5              |

See Section 8 for Exposure Limits      NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.  
WHMIS CLASS: Not controlled.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Clear to Slightly Hazy, Light Brown Liquid. Powder, Fresh Odor. Product Does Not Present a Significant Immediate Concern for Emergency Response Personnel.

### POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE:  Eye       Skin Contact       Skin Absorption  
 Inhalation       Ingestion

### EFFECTS OF ACUTE EXPOSURE

#### EYES:

May cause slight eye irritation. Symptoms may include temporary redness and discomfort.

#### SKIN:

May cause slight skin irritation. Symptoms may include temporary redness. Organisms used in this product are non-pathogenic, but can cause infection when in contact with open wounds.

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**INHALATION:**

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

**INGESTION:**

May cause mild mouth, throat and stomach irritation. Symptoms may include nausea. May also cause central nervous system effects including headache, dizziness and weakness.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged or repeated contact may cause skin irritation.

**MEDICAL CONDITIONS AGGRAVATED:**

May aggravate pre-existing eye, skin and respiratory conditions.

**4. FIRST AID MEASURES**

**EYES:**

Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention if irritation develops.

**SKIN:**

Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops or open wounds are present.

**INHALATION:**

Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

**INGESTION:**

Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**5. FIRE FIGHTING MEASURES**

FLASH POINT AND METHOD: >200°F 93°C TCC

**FLAMMABLE LIMITS:**

Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate for surrounding fire.

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**HAZARDOUS COMBUSTION PRODUCTS:**

Normal products of combustion (carbon monoxide and carbon dioxide) and sulfur oxides.

**FIRE AND EXPLOSION HAZARDS:**

None known.

**FIRE FIGHTING INSTRUCTIONS:**

This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

**6. ACCIDENTAL RELEASE MEASURES**

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Contain and isolate spill. Keep non-essential personnel from entering spill area. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

**7. HANDLING AND STORAGE**

**HANDLING:**

Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes and skin. Avoid breathing mist. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

**STORAGE:**

Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity).

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**EYE:**

Where eye contact is possible, wear safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

**SKIN:**

Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

**RESPIRATORY:**

No respiratory protection is required if ventilation is adequate.

**ENGINEERING CONTROLS:**

Good general room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.

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**EXPOSURE LIMITS:**

| <u>INGREDIENT(S)</u>                | <u>OSHA PEL/STEL</u>                                | <u>ACGIH TLV/STEL</u>                               |
|-------------------------------------|---|---|
| Naphthalene sodium sulfonate        | NA  | NA  |
| Viable bacterial cultures           | NA  | NA  |
| Dipropylene glycol butoxy ether     | NA  | NA  |
| Dipropylene glycol monomethyl ether | 100 ppm (600 mg/m <sup>3</sup> )/<br>150 ppm (Skin) | 100 ppm (606 mg/m <sup>3</sup> )/<br>150 ppm (Skin) |

NA - Not Available

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: Powder, Fresh  
APPEARANCE: Clear to Slightly Hazy, Light Brown  
pH: 8.2 to 8.9  
PERCENT VOLATILE BY WEIGHT: 95  
VAPOR PRESSURE: Not Available  
VAPOR DENSITY: Not Available  
BOILING POINT: Not Available  
FREEZING/MELTING POINT: Not Available  
SOLUBILITY IN WATER: Complete  
EVAPORATION RATE: Not Available  
SPECIFIC GRAVITY: 1.02  
VISCOSITY: Water Thin  
OCTANOL/WATER PARTITION COEFFICIENT: Not Available  
ODOR THRESHOLD: Not Available

**10. STABILITY AND REACTIVITY**

STABILITY (CONDITIONS TO AVOID):  
Stable.

POLYMERIZATION:  
Will not occur.

HAZARDOUS DECOMPOSITION:  
None known.

INCOMPATIBLE MATERIALS:  
Oxidizers (e.g., bleach). Strong acids and bases may inactivate cultures.

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:  
This product causes minimal eye irritation. The following data are available product ingredients:

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| <u>PRODUCT/INGREDIENT</u>           | <u>ORAL LD<sub>50</sub> (rat)</u> | <u>DERMAL LD<sub>50</sub> (rabbit)</u> | <u>INHALATION LC<sub>50</sub> (rat)</u> |
|-------------------------------------|-----------------------------------|--|---|
| Naphthalene sodium sulfonate        | Not Available                     | Not Available                          | Not Available                           |
| Viable bacterial cultures           | Not Available                     | Not Available                          | 9.2 mg/L (4-hr)                         |
| Dipropylene glycol butoxy ether     | 3700–4400 mg/kg                   | >2000 mg/kg                            | Not Available                           |
| Dipropylene glycol monomethyl ether | 5135 mg/kg                        | 9500 mg/kg                             | Not Available                           |

**SENSITIZATION DATA:**

No data available.

**CHRONIC DATA:**

Prolonged overexposure to dipropylene glycol monomethyl ether by inhalation has caused minor liver effects in laboratory animals; overexposure by dermal absorption has also caused minor kidney effects in laboratory animals.

**REPRODUCTIVE/TERATOGENIC DATA:**

No data available.

**CARCINOGENIC/MUTAGENIC DATA:**

Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

**SYNERGISTIC MATERIALS:**

No data available.

**12. ECOLOGICAL INFORMATION**

This product is made with all biodegradable detergents. No other data available.

**13. DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

**14. TRANSPORT INFORMATION**

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

**15. REGULATORY INFORMATION**

*Not meant to be all-inclusive—selected regulations represented.*

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**UNITED STATES**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard category: Delayed.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

| <u>INGREDIENT(S)</u>                | <u>CAS NO.</u> | <u>STATE LISTING</u> |
|-------------------------------------|----------------|----------------------|
| Water                               | 7732-18-5      | Not Listed           |
| Naphthalene sodium sulfonate        | 26264-58-4     | Not Listed           |
| Viable bacterial cultures           | NA             | Not Listed           |
| Dipropylene glycol butoxy ether     | 29911-28-2     | Not Listed           |
| Dipropylene glycol monomethyl ether | 34590-94-8     | MA, NJ, PA           |

NA - Not Applicable

**CANADA**

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

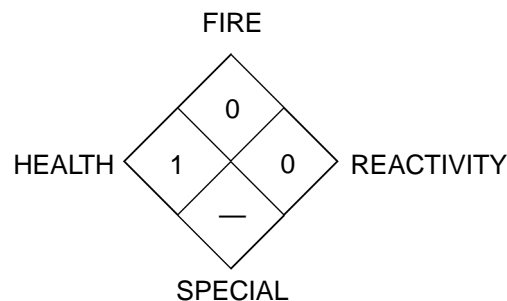
Not controlled by WHMIS. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

HMIS RATING

|                     |   |   |
|---------------------|---|---|
| HEALTH              | - | 1 |
| FLAMMABILITY        |   | 0 |
| REACTIVITY          |   | 0 |
| PERSONAL PROTECTION |   | - |

NFPA RATING



MSDS STATUS

Revision #: 1

This MSDS replaces the June 29, 1997 MSDS. Any changes in information are as follows:

In Section 1

Prepared By Date Prepared [ ] Print CHEMTREC Phone Number

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In Section 3

Signs & Symptoms - Eyes (text) Signs & Symptoms - Skin (text)

In Section 7

Handling (text)

In Section 9

Odor (text) (pH) (From) (pH) (To) (Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (text) (Group Field) for Boiling Point (Group Field) for Freezing Point (Group Field) for Evaporation Rate Coeff Oil/Water (text)

In Section 10

Hazardous Decomposition Products (text)

In Section 15

SARA 311/312 Hazard Categories (text) OSHA Hazard Comm. Rule (text) WHMIS Class

In Section 16

HMIS Health NFPA Health

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 06/07/2000

*The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.*