

# BIO-ENZYMATIC SPOTTER

MULTI-ENZYME SPOTTER, DEODORANT & PROTECTANT

*Cherry Almond*



## Technical Data

### Specifications

<b>Color:</b>	Slight hazy liquid
<b>Odor:</b>	Cherry almond
<b>Base:</b>	Biodegradable detergents
<b>pH:</b>	8.0 + 0.5
<b>Viscosity:</b>	Water thin
<b>Foam:</b>	Low
<b>Bacterial Counts:</b>	31 billion per gallon
<b>Bacterial Enzyme Production:</b>	Protease, Amylase, Lipase, Esterase, Urease, Cellulase, Xylanase
<b>Salmonella/Shigella:</b>	Negative
<b>E.coli:</b>	Negative
<b>Rinsability:</b>	Excellent
<b>Phosphate:</b>	None
<b>Rinsability:</b>	Excellent
<b>Flash Point (TCC):</b>	> 200°F
<b>Storage/Stability:</b>	1 year
<b>Weight Per Gallon:</b>	8.35 lbs.
<b>Freeze/Thaw Stability:</b>	Keep from freezing

### What the Pros Know

Unique chemistry works on a wide variety of soils while DuPont Zonyl® Soil and Stain Protector enhances stain resistance of carpet fibers. Deodorizes while it spots.

THIS PRODUCT IS APPROVED BY: C&A FLOORCOVERINGS.



### Description

A ready-to-use, multi-enzyme carpet spotter, odor eliminator and protector. This unique formula utilizes a broad-spectrum odor counteractant that chemically neutralizes the malodor, and a blend of enzymes that eliminate the odor at the source. Powerful solvents and detergents penetrate and lift soils for fast and effective cleaning. Available in both the quart spray bottles or the handy container of 30 wipes. Cherry Almond fragrance.

### Directions

Read all directions and cautions on the label prior to using. Consult the MSDS for recommended personal protection equipment.

#### LIQUID

1. Remove solids and blot excess liquids with a clean, white absorbent cloth.
2. Apply spotter. Do not over wet the carpet.
3. Agitate lightly with SSS Brush/Scraper. Work from the outside of the spot to the center.
4. Allow 1 to 3 minutes dwell time.
5. Blot with a clean, white absorbent cloth. Use SSS Brush/Scraper with a tamping action.
6. Rinse well with water and blot dry. For best results, rinse and extract with SSS Power Spotter.

#### WIPES

1. Remove solids and blot excess liquids with a clean white absorbent cloth.
2. Apply the wipe to the area in a light blotting motion working from the outside of the spot to the center.
3. Continue to apply until the spot is removed.
4. For best results, rinse well with water and blot dry.
5. Be sure to close container cap tightly after use and before storing.
6. Wash hands thoroughly with soap and water.

Important Notes: Pre-test carpet for colorfastness in an out-of-sight area. Difficult spots may require additional dwell time or repeated applications. Avoid rubbing and aggressive agitation, which may spread the stain and damage carpet fibers. Always wear appropriate gloves, safety goggles or glasses.

Multi-Enzyme Formula Digests Organic Soils

Odor Counteractant Neutralizes Malodors

DuPont Zonyl® Technology Locks Out Soil



**MATERIAL SAFETY DATA SHEET**

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 3/03 Revision: N/A

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

**Product Name:** Bio-Enzymatic Spotter  
**Generic Name:** Multi-Enzyme Carpet Spotter & Odor Eliminator  
**Chemical Family:** Bacterial Spore Blend  
**Formula:** Proprietary  
**Product Number:** 48018

**Manufactured for:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Bacterial Spores (genus <i>Bacillus</i> )	N/A	5 to 10			
Nonionic Surfactant	9016-45-9	0 to 5			
Propylene Glycol	57-55-6	0 to 5			
Odor Neutralizer	Proprietary	0 to 5			
Perfume Oil	N/A	0 to 5			
DuPont Zonyl® Fluorocarbon	NJ Trade Secret Registry #00850201001-5259P	0 to 5			

**SECTION 3-PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

<b>Boiling Point (°F):</b> 212 F.	<b>Specific Gravity:</b> 1.003	<b>Flash Point (Method Used):</b> N/A
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1	<b>Upper Explosion Limit:</b> N/A <b>Lower Explosion Limit:</b> N/A
<b>% Volatile:</b> 95+	<b>pH:</b> 8.0	<b>Extinguishing Media:</b> N/A
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1	<b>Special Firefighting Procedures:</b> Non Flammable
<b>Physical Description:</b> Thin slightly hazy liquid with pleasant cherry almond odor.		<b>Unusual Fire and Explosion Hazards:</b> N/A

**SECTION 5-REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Will not occur.	<b>Incompatibility (Materials to Avoid):</b> None

**SECTION 6-STORAGE AND HANDLING INFORMATION**

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wash hands thoroughly after use. Avoid contact with open wounds/sores.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Effects of Overexposure:**  
**Skin:** Slight irritant. Prolonged or repeated contact may cause dermatitis. May infect open wounds.  
**Eyes:** Eye irritant. Liquid and mists may infect the eyes.  
**Inhalation:** N/A  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected from large doses.  
**First Aid Procedures:**  
**Skin:** Remove contaminated clothing. Flush affected areas with large quantities of water followed by washing with mild soap. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water. Seek medical attention.  
**Inhalation:** N/A  
**Ingestion:** Give large quantities of water. Seek medical attention immediately.

**Respiratory Protection:** No special requirements.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Waterproof.  
**Eye Protection:** Safety glasses.  
**Other Protective Equipment:** N/A. Wash hands thoroughly after each use.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound
No - Sudden Release of Pressure Hazard	
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound
No - Immediate (acute) Health Hazard	
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product