



# SAFETY DATA SHEET

Date Issued: 04-27-2015  
Supersedes: 08-01-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** Enzyme Plus™  
**Product Number** BPR735001-B, BPR7350032-B, BPR735001-A and BPR735032-A  
**Brand** Brighton Professional™  
**Recommended Use** Deodorizer  
**Uses advised against** Uses other than those identified on the product label are not recommended.  
**Supplier Name** Staples Contract & Commercial, Inc.  
**Supplier Address** 500 Staples Drive  
Framingham MA 01702 USA  
**Supplier Phone Number** 1-888-322-0912  
**SDS Internet Address:** <http://sds.staples.com>  
**Emergency telephone number** 1-888-322-0912

## 2. HAZARDS IDENTIFICATION

### Classification for the Undiluted Product

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

**Precautionary Statements – Prevention:** Not required

**Hazards not otherwise classified (HNOC):** Not applicable

**Other information:** May cause slight eye irritation

**Interactions with Other Chemicals:** No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Propylene glycol	57-55-6	1 - 5
Alcohols, C9-11, ethoxylated	68439-46-3	1 - 5
Viable bacterial cultures	7732-18-5	0.1-1

Balance is water and similar non-hazardous ingredients. Contains fragrance.

## 4. FIRST AID MEASURES

### First aid measures:

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact:** Wash with soap and water.

**Inhalation:** Remove to fresh air.

**Ingestion:** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects:** No information available

**Indication of any immediate medical attention and special treatment needed**

Notes to Physician

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media:</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific Hazards Arising from the Chemical:</b>	No information available.
<b>Hazardous Combustion Products:</b>	Carbon oxides.

**Explosion Data****Sensitivity to Mechanical Impact:** No.**Sensitivity to Static Discharge:** No.**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Avoid contact with eyes.
<b>Environmental Precautions:</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.
<b>Storage:</b>	Keep container tightly closed.
<b>Incompatible Products:</b>	None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Guidelines:</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
<b>Engineering Measures:</b>	General ventilation generally adequate.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	No special protective equipment required.
<b>Skin and Body Protection</b>	No special protective equipment required.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

<b>Appearance</b>	Liquid	<b>Odor</b>	Lemon
<b>Color</b>	White	<b>Odor Threshold</b>	No information available

**Property**

<b>pH (Conc.)</b>	<b>Values</b> 7.8 – 9.2
<b>pH (Diluted 1:256)</b>	8.0 – 9.2
<b>Melting / freezing point</b>	No data available
<b>Boiling point /boiling range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability</b>	No data available
<b>Lower flammability limit</b>	No data available

Vapor density	No data available
Specific Gravity	1.008
Density	1.008
Water Solubility	Soluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available
Softening Point	No data available
VOC Content (by weight)	<0.15% (<1.5 g/L)
Particle Size	No data available
Particle Size Distribution	No data available

This product is compliant with California Air Resources Board (CARB) regulations on Volatile Organic Compounds (VOC).

## 10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	None known based on information supplied.
Incompatible materials:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

#### Component Information

Chemical Name / CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol 57-55-6	=20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-

### Information on toxicological effects

Symptoms	No information available.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	No known effect based on information supplied.
Target Organ Effects	None known.
Aspiration Hazard	No information available.

### Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document  
 ATEmix (oral) 20,675.00 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

The environmental impact of this product has not been fully investigated.

Chemical Name / CAS	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganism	Daphnia Magna (Water Flea)
Propylene glycol 57-55-6	96h EC50: = 19000 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 51600 mg/L (Oncorhynchus mykiss) 96h LC50: 41 - 47 mg/L (Oncorhynchus mykiss) 96h LC50: = 51400 mg/L (Pimephales promelas) 96h LC50: = 710 mg/L (Pimephales promelas)		24h EC50: >10000 mg/L 48h EC50: > 10000 mg / L

### Persistence and Degradability:

No information available.

### Bioaccumulation:

No information available.

### Other adverse effects:

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

### Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 331

## 14. TRANSPORT INFORMATION

24-HR EMERGENCY PHONE: 1-888-322-0912

DOT/ TDG/ MEX/ ICAO/ IATA/ IMDG/IMO: Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

#### TSCA (US)

Complies

#### DSL (Canada)

All components are listed either on the DSL or NDSL.

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

##### Acute Health Hazard

No

##### Chronic Health Hazard

No

##### Fire Hazard

No

##### Sudden release of pressure hazard

No

##### Reactive Hazard

No

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### **U.S. State Right-to-Know Regulations**

Chemical Name / CAS	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Propylene glycol 57-55-6	X		X		

### **International Regulations**

#### **Canada**

## **16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical &amp; chemical Hazards – Personal protection X</b>
<b>HMIS</b>	<b>Health Hazards 1</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	

**Prepared By:** Regulatory Specialist, Staples Brand Group, (508) 253-5000

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at [www.staplesadvantage.com](http://www.staplesadvantage.com). Keep Safety Data Sheets filed and organized in an area accessible to workers according to all applicable regulations.

*All information contained in this SDS is provided to the best of Staples Contract & Commercial Inc's knowledge. No warranty is made with respect to this information expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.*