1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name: HEALTH GUARD BIO-ENZYME DEODORIZER

Other Means of Identification
SDS #: 08240, 08200
Product Code: 08240, 08200

Recommended Use of the Chemical and Restrictions on Use
Recommended Use:
Enzymatic drain treatment

Details of the Supplier of the Safety Data Sheet
Supplier Address:
HOSPECO
PO BOX 6500
CLEVELAND, OH 44101

Emergency Telephone Number
Company Phone Number: 1-800-255-3924
Emergency Telephone: 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification
<table>
<thead>
<tr>
<th>Skin Irritant</th>
<th>Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irritant</td>
<td>Category 2B</td>
</tr>
</tbody>
</table>

Signal Word
Warning

Hazard Statements
Causes mild eye and skin irritation.

Symbols
No Symbol
Physical State: Liquid  Color: White  Appearance: White liquid

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency Overview:
WARNING! CAUSES MILD EYE AND SKIN IRRITATION.

Precautionary Statements: Prevention
Avoid contact with eyes, skin and clothing.
Keep container tightly closed and sealed until ready for use.
Wash thoroughly after handling.

Precautionary Statements: Response
If skin irritation occurs: Get medical attention.
If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>No data available</td>
<td>5%</td>
</tr>
</tbody>
</table>

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances.

### 4. FIRST AID MEASURES

**First Aid Measures**

**Inhalation**
Move exposed person to fresh air. Consult physician.

**Eye Contact**
Check for and remove any contact lenses. Immediately flush eyes thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Get medical attention if irritation persists.

**Ingestion**
Induce vomiting. Drink large quantities of water. Never give anything by mouth to an unconscious person. Consult physician.

**Skin Contact**
In case of contact with skin, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms**
Direct contact with eyes may cause temporary irritation. Substance may cause slight skin irritation.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
Not determined.

**Specific Hazards Arising from the Chemical**
Non-flammable.

**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

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions**
Use personal protective equipment as required.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment**
Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Advice on Safe Handling**
Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions**
Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**Incompatible Materials**
Strong acids or alkali compounds may inactivate biological cultures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**
Consult local authorities for acceptable exposure limits.

**Recommended monitoring procedures:** If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be require to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

**Appropriate Engineering Controls:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection**
Avoid contact with eyes. Wear safety eyewear.

**Skin and Body Protection**
Wear suitable protective clothing.

**Respiratory Protection**
Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
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</tr>
<tr>
<td>Color</td>
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<td></td>
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<tr>
<td>Odor</td>
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<tr>
<td>Property</td>
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<td>pH</td>
<td>7</td>
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<td>Melting Point/Freezing Point</td>
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</tr>
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<td>Boiling Point/Boiling Range</td>
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<tr>
<td>Flash Point</td>
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</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks • Method</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
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<td>(H2O = 1) =1</td>
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<td>Flammability (Solid, Gas)</td>
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<tr>
<td>Upper Flammability Limits</td>
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<td></td>
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<td>Lower Flammability Limit</td>
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<td>Solubility in Other Solvents</td>
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<td>Partition Coefficient</td>
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</tr>
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<tr>
<td>Decomposition Temperature</td>
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</tr>
<tr>
<td>Kinematic Viscosity</td>
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<td>Dynamic Viscosity</td>
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<tr>
<td>Explosive Properties</td>
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<td></td>
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<tr>
<td>Oxidizing Properties</td>
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<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

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
Keep out of reach of children.

Incompatible Materials
No specific data.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation
Avoid breathing vapors or mists.

Eye Contact
Avoid contact with eyes.

Skin Contact
Avoid contact with skin.

Ingestion
Do not taste or swallow.
Component Information

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on Physical, Chemical and Toxicological Effects

Symptoms
Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

<table>
<thead>
<tr>
<th></th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability
Not determined

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes  Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note  Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT  Not regulated

IATA  Not regulated

IMDG  Not regulated

TDG  Not regulated

15. REGULATORY INFORMATION

International Inventories  Not Determined

Legend:
  TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
  DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
  EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
  ENCS - Japan Existing and New Chemical Substances
  IECS - China Inventory of Existing Chemical Substances
  KECL - Korean Existing and Evaluated Chemical Substances
  PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization At 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.


<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
</table>

SARA 311/312 Hazardous Categorization

Acute Health Hazard  No
Chronic Health Hazard  No
Fire Hazard  No
Sudden Release of Pressure Hazard  No
Reactive Hazard  No

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
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</thead>
</table>


### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
<tr>
<td>HMIS</td>
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<td></td>
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<tr>
<td></td>
<td>Health Hazards</td>
<td>Flammability</td>
<td>Physical Hazards</td>
<td>Personal Protection</td>
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<tr>
<td></td>
<td>1</td>
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</tbody>
</table>

**Issue Date** November-2009  
**Revision Date** December-4-2014  
**Revision Note** New format  

**Disclaimer**  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**