1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Swisher Bac Man</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>41742-32OZ</td>
</tr>
<tr>
<td>Reference number(s)</td>
<td>41742-1/ 41742-5</td>
</tr>
<tr>
<td>Recommended Use</td>
<td>Heavy Duty Enzyme Cleaner</td>
</tr>
</tbody>
</table>

Distributor
Swisher Hygiene Inc.
4725 Piedmont Row Drive,
Suite 400,
Charlotte, NC 28210

Chemical Emergency Phone Number 800-424-9300 (Chemtrec)
Company Emergency Phone Number 800-444-4138

2. HAZARDS IDENTIFICATION

Emergency Overview
The product contains no substances which at their given concentration, are considered to be hazardous to health.

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Clear Thin Liquid</th>
<th>Physical state</th>
<th>liquid</th>
<th>Odor</th>
<th>Pleasant</th>
</tr>
</thead>
</table>

Potential Health Effects

Acute toxicity
- Eyes: Irritating to eyes
- Skin: Prolonged or repeated contact may dry skin and cause irritation
- Inhalation: No known effect based on information supplied
- Ingestion: No known effect based on information supplied

Chronic Effects: No known effect based on information supplied

Aggravated Medical Conditions: None known.

Environmental hazard: See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

4. FIRST AID MEASURES
5. FIRE-FIGHTING MEASURES

- **Flammable Properties**: Not flammable
- **Flash point**: none
- **Suitable Extinguishing Media**: Water spray or fog
- **Hazardous Combustion Products**: If burned, normal combustion products: carbon Monoxide, Carbon Dioxide and other organic materials.

**Explosion Data**
- Sensitivity to Mechanical Impact: none
- Sensitivity to Static Discharge: none

**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

**NFPA**
- Health Hazard: 0
- Flammability: 0
- Stability: 0

**HMIS**
- Health Hazard: 0
- Flammability: 0
- Physical Hazard: 0
- Personal protection: A

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**: Ensure adequate ventilation
**Environmental precautions**: Try to prevent the material from entering drains or water courses
**Methods for Containment**: Prevent further leakage or spillage if safe to do so
**Methods for cleaning up**: Absorb with an inert material and put spilled material in appropriate waste disposal.

7. HANDLING AND STORAGE

**Advice on safe handling**: KEEP OUT OF REACH OF CHILDREN Wash thoroughly after handling Avoid contact with eyes
**Technical measures/Storage conditions**: Avoid all contact. Store upright in original closed container Keep in a dry, cool and well-ventilated place Store away from incompatible materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**: Review Section 3 & 4 for Exposure Guidelines.
Engineering Measures
- Showers
- Eyewash stations
- Ventilation systems

Personal Protective Equipment Institutional Environment
**Eye/Face Protection**
Safety glasses are suggested when using this product in heavy use and institutional environments.

**Consumer Environments**
Care should be taken to avoid Eye contact.

**Skin and body protection**
Rubber gloves

**Respiratory protection**
Unnecessary in open institutional environment.

**Hygiene measures**
Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment
**Eye/Face Protection**
- Splash-proof chemical goggles or face shield.

**Skin and body protection**
- Impervious rubber, alkali-proof protective gloves
- Impervious rubber boots & apron.

**Respiratory protection**
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**
Practice good personal hygiene. Wash after handling. Shower at end of work period.

Practice good personal hygiene. Wash after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Thin Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>clear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Pleasant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
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</tr>
<tr>
<td>Melting/freezing point</td>
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</tr>
<tr>
<td>Freezing Point</td>
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</tr>
<tr>
<td>Boiling point/boiling range</td>
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</tr>
<tr>
<td>Flash Point</td>
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<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
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<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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</tr>
<tr>
<td>Flammability Limits in Air</td>
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</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
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<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Vapor density</td>
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</tr>
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<td>Specific Gravity</td>
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<td>Hyphen (SG)</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>Solubility in other solvents</td>
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<tr>
<td>Partition coefficient: n-octanol/water</td>
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<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
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</tr>
<tr>
<td>Viscosity, dynamic</td>
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<td></td>
</tr>
<tr>
<td>Explosive properties</td>
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<tr>
<td>Oxidizing Properties</td>
<td></td>
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<td></td>
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</tbody>
</table>
9.2 Other information

Softening point: No information available
Molecular Weight: No information available
VOC Content(%): No information available
Density VALUE: <1
Bulk Density VALUE: No information available

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Incompatible products: Strong oxidizing agents
Conditions to Avoid: None known based on information supplied
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and other organic materials.
Hazardous Polymerization: Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Product Information: Product does not present an acute toxicity hazard based on known or supplied information.

Chronic toxicity
Target Organ Effects: None known.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Waste 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: Do not re-use empty containers

14. TRANSPORT INFORMATION
Note: Cleaning Compound, Not Regulated

Dot: Not regulated

Proper shipping name: Cleaning Compound, Not Regulated

TDG: Not regulated

MEX: Not regulated

ICAO: Not regulated

ICAO/IATA: Not regulated

IMDG / IMO: Not regulated

RID: Not regulated

ADR/RID: Not regulated

ADN: Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL</td>
<td>Complies</td>
</tr>
<tr>
<td>NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS</td>
<td>Complies</td>
</tr>
<tr>
<td>ELINCS</td>
<td>Complies</td>
</tr>
<tr>
<td>ENCS</td>
<td>Complies</td>
</tr>
<tr>
<td>IECSC</td>
<td>Complies</td>
</tr>
<tr>
<td>KECL</td>
<td>Complies</td>
</tr>
<tr>
<td>PICCS</td>
<td>Complies</td>
</tr>
<tr>
<td>AICS</td>
<td>Complies</td>
</tr>
</tbody>
</table>

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 Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. 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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>no</td>
</tr>
</tbody>
</table>

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.

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By
Swisher Hygiene Inc.
4725 Piedmont Row Drive
Suite 400
Charlotte, NC 28210

Issuing date
20-Sep-2011

Revision Date
05-Oct-2011

Revision Note
No information available

Disclaimer
The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Material Safety Data Sheet