1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Bio Rinse
Product code: 42087-1
Reference number(s): 42087-5/42087-15
Recommended Use: Rinse Additive

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
Irritating to eyes
Harmful if swallowed

Appearance: Liquid.
Physical state: Liquid.
Odor: Surfactant

Potential Health Effects
Acute toxicity
Eyes: Irritating to eyes
Skin: No known effect based on information supplied
Inhalation: Not an expected route of exposure
Ingestion: Nausea and diarrhea

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).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C6-10, ethoxylated propoxylated</td>
<td>68987-81-5</td>
<td>0</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Eye contact  Wash with water for 15 minutes. See physician if irritation persists.
Skin contact  Wash skin with soap and water
Inhalation  Not likely to occur under condition of use.
Ingestion  Drink large amounts of water or milk. DO NOT INDUCE VOMITING. See a physician immediately
Notes to physician  Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties  Not flammable
Flash point  N/A
Suitable Extinguishing Media  Dry chemical Alcohol-resistant foam Water spray
Hazardous Combustion Products  Carbon oxides
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

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  Stop leak. Dilute spilled material with water.

7. HANDLING AND STORAGE

Advice on safe handling  KEEP OUT OF REACH OF CHILDREN Wash hands before eating. Keep container tightly closed when not in use
Technical measures/Storage conditions  Store in cool dry place.

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>
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<td></td>
</tr>
<tr>
<td>Appearance</td>
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</tr>
<tr>
<td>Color</td>
<td>blue</td>
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</tr>
<tr>
<td>Odor</td>
<td>Surfactant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
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<td></td>
</tr>
</tbody>
</table>

**Property**
- pH: 8.2
- Melting/freezing point: No information available
- Freezing Point: No information available
- Boiling point/boiling range: greater than 212 °F
- Flash Point: No information available
- Evaporation rate: No information available
- Flammability (solid, gas): No information available
- Flammability Limits in Air
  - upper flammability limit: No information available
  - lower flammability limit: No information available
- Explosion Limits
  - upper: No information available
  - lower: No information available
- Vapor pressure: No information available
- Vapor density: No information available
- Specific Gravity: 1.025
- Water solubility: N/A
- Solubility in other solvents: No information available
- Partition coefficient: n-octanol/water: No information available
- Autoignition temperature: No information available
- Decomposition temperature: No information available
- Viscosity, kinematic: No information available
- Viscosity, dynamic: No information available
- Explosive properties: No information available
10. STABILITY AND REACTIVITY

Stability

Stable

Incompatible products
None known based on information supplied

Conditions to Avoid
No special precautions beyond standard safe industrial practices.

Hazardous Decomposition Products
Oxides of Carbon

Hazardous Polymerization
Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information
May cause eye irritation May cause nausea and diarrhea if ingested

Chronic toxicity

Carcinogenicity
This product does not contain any known or anticipated carcinogens according to the criteria of the NTP annual report on carcinogens and OSHA 29 CFR 1910.Z

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
Diluted material may be flushed to the sewer.

Contaminated packaging
Do not re-use empty containers

14. TRANSPORT INFORMATION

Note
Cleaning Compound Liquid, Not Regulated
15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>United States Toxic Substances Control Act Section 8(b) Inventory</td>
</tr>
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<tr>
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<td>-</td>
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<tr>
<td>EINECS</td>
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<td>Complies</td>
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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

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

<table>
<thead>
<tr>
<th>Prepared By</th>
<th>Swisher Hygiene Inc.</th>
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<tbody>
<tr>
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<td></td>
<td>Charlotte, NC 28210</td>
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<tr>
<td>Issuing date</td>
<td>25-Aug-2011</td>
</tr>
<tr>
<td>Revision Date</td>
<td>25-Aug-2011</td>
</tr>
<tr>
<td>Revision Note</td>
<td>No information available</td>
</tr>
<tr>
<td>Disclaimer</td>
<td>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</td>
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End of Material Safety Data Sheet