Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Snowey
Product code: 41757-50
Recommended Use: All Purpose Detergent Beads

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.

Appearance: powder
Physical state: powder
Odor: Odorless

Potential Health Effects
Acute toxicity
- Eyes: May cause mild transient irritation and dryness.
- Skin: May cause mild transient irritation and dryness.
- Inhalation: Heavy exposure to dust may cause transient respiratory tract irritation.
- Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting, and/or 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>Sodium carbonate</td>
<td>497-19-8</td>
<td>&lt; 20</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

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### 5. FIRE-FIGHTING MEASURES

- **Flammable Properties**: Not flammable
- **Flash point**: none
- **Flammability**
- **Stability**
- **Physical and chemical hazards**: -

#### 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.

#### Methods for Containment

Transfer contaminated absorbent, soil and other materials to containers for disposal.

#### Methods for cleaning up

Stop spill or leak if it can be done safely. Contain spill to smallest possible area. Large spills should be recovered for disposal.

### 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**: Transfer contaminated absorbent, soil and other materials to containers for disposal
- **Methods for cleaning up**: Stop spill or leak if it can be done safely. Contain spill to smallest possible area. Large spills should be recovered for disposal.

### 7. HANDLING AND STORAGE

- **Advice on safe handling**: KEEP OUT OF REACH OF CHILDREN Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers Keep container closed when not in use
- **Technical measures/Storage conditions**: Store in a cool, dry area away from combustibles and reactive chemicals. Store away from sources of ignition. Do not store at temperatures above 120 ° F.

### 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**: Impervious rubber, alkali-proof protective 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 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

### 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/Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>powder</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>powder</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
<td>Odor Odorless</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>10.5-11.5</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>350-500 gm/L</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>completely soluble</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td>No information available</td>
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</tbody>
</table>

#### Remarks/Methods:
- Methods: No information available
9.2 Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Information Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Softening point</td>
<td>No information available</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>No information available</td>
</tr>
<tr>
<td>VOC Content(%)</td>
<td>No information available</td>
</tr>
<tr>
<td>Density VALUE</td>
<td>No information available</td>
</tr>
<tr>
<td>Bulk Density VALUE</td>
<td>No information available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability

- Stable

Incompatible products

- Strong Oxidizers and Acids

Conditions to Avoid

- Extreme Temperatures

Hazardous Decomposition Products

- None known based on information supplied

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>4090 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chronic toxicity

Target Organ Effects

- None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>242: 120 h Nitzschia mg/L EC50</td>
<td>310 - 1220: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static</td>
<td>265: 48 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note: Cleaning Solid, Not Regulated

Dot: Not regulated

Proper shipping name: Cleaning Solid, 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

TSCA: TSCA

DSL: Complies

NDSL: Complies

EINECS: Complies

ELINCS: -

ENCS: Complies

IECSC: Complies

KECL: Complies

PICCS: Complies

AICS: Complies

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
This product does not contain any Proposition 65 chemicals.

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
18-Oct-2011

Revision Date
18-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