Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name
Swisher Portion Control Lo Suds Bar Glass Wash

Product code
41745

Recommended Use
Low Suds Bar Glass Wash

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
Causes severe burns to eyes
Contains Trisodium Phosphate
Alkaline
Harmful if swallowed
Causes skin irritation

Appearance powder

Physical state powder.

Odor none

Potential Health Effects

Acute toxicity

Eyes
Causes severe eye irritation and possible chemical burns.

Skin
Prolonged skin contact may cause burns

Inhalation
Toxic by inhalation

Ingestion
Can cause chemical burns of mouth, throat, stomach and mucous membranes.

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>Swisher Portion Control Lo Suds Bar Glass Wash</td>
<td>41745</td>
<td></td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin contact
Wash with soap & water. See physician if irritation persists.

Inhalation
If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.

Ingestion
If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties
Not flammable Not combustible

Flash point
none

Suitable Extinguishing Media
Foam Carbon dioxide (CO₂) Dry chemical Water

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 2 Flammability 0 Stability 0 Physical and chemical hazards -

HMIS
Health Hazard 0 Flammability 0 Physical Hazard 0 Personal protection -

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
Sweep up and place in a disposal container.

Methods for cleaning up
Mop up or flush residue to drain with water.

7. HANDLING AND STORAGE

Advice on safe handling
Wash hands before eating. Remove and launder contaminated clothing before re-use. 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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentasodium triphosphate</td>
<td></td>
<td>15mg/m³</td>
<td></td>
</tr>
<tr>
<td>7758-29-4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Engineering Measures**
Shower
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>powder</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>powder</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>none</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>11.5 - 12.0</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
<td></td>
</tr>
<tr>
<td>upper</td>
<td>No information available</td>
</tr>
<tr>
<td>lower</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Appreciable</td>
</tr>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Stability
Stable

Incompatible products
Contact with mineral acids produces exothermic reaction with release of carbon dioxide gas.

Conditions to Avoid
Do not mix with anything but water.

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>Tribasic sodium phosphate</td>
<td>7400 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dodecahydrate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>4090 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pentasodium triphosphate</td>
<td>3100 mg/kg (Rat)</td>
<td>7940 mg/kg (Rabbit)</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>
</table>
13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
Small amounts of unused product may be flushed safely to the sanitary sewer with plenty of water. Contact local water board before flushing large amounts. Large amounts may be disposed of in a sanitary landfill check with State and local authorities for restrictions and to ensure of proper disposal of product.

Contaminated packaging
Do not re-use empty containers

14. TRANSPORT INFORMATION

Note
Cleaning Compound, Not Regulated

Dot
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>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
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</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>TSCA</td>
<td>-</td>
<td>NDSL</td>
<td>EINECS</td>
<td>-</td>
<td>-</td>
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<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pentasodium tripolyphosphate</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Sodium carbonate
242: 120 h Nitzschia mg/L EC50
310 - 1220: 96 h Pimephales promelas mg/L LC50 static
300: 96 h Lepomis macrochirus mg/L LC50 static
265: 48 h Daphnia magna mg/L EC50

Persistence and degradability
Considered biodegradable.
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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tribasic sodium phosphate dodecahydrate</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
<tr>
<td>Pentasodium triphosphate</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

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
07-Sep-2011

Revision Date
20-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