1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Select HD Lemon Pot & Pan Detergent
Product code: 41738-1
Recommended Use: Pot & Pan Detergent

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.

Potential Health Effects

Acute toxicity
- Eyes: May cause slight irritation
- Skin: Non-irritating under normal conditions of use. Prolonged or repeated contact may dry skin and cause irritation.
- Inhalation: Inhalation not likely under normal use conditions.
- Ingestion: No known effect based on information supplied

Chronic Effects: Repeated or prolonged exposure may produce defatting of the skin.

Aggravated Medical Conditions: None known.

Environmenta 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
Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Wash contaminated area with running water. Get medical attention if irritation develops.

Inhalation: Not likely to occur under condition of use.

Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties: Not flammable

Flash point: Not determined.

Suitable Extinguishing Media: Use water vapor, foam or fog. Firefighters should wear proper protective equipment.

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: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

7. HANDLING AND STORAGE

Advice on safe handling: Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.


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.

### 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

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>Thick Liquid</td>
<td>Lemon</td>
</tr>
<tr>
<td>Color</td>
<td>Yellow</td>
<td>Odor Threshold</td>
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<tr>
<td></td>
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#### 9.2 Other information

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<tr>
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</thead>
<tbody>
<tr>
<td>Softening point</td>
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<td>No information available</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>NA</td>
<td>No information available</td>
</tr>
</tbody>
</table>

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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

Chronic toxicity
Repeated or prolonged exposure may produce defatting of the skin.

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
15. REGULATORY INFORMATION

### International Inventories

<table>
<thead>
<tr>
<th>International Inventories</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>TSCA</td>
</tr>
<tr>
<td>DSL Complies</td>
<td></td>
</tr>
<tr>
<td>NDSL Complies</td>
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<tr>
<td>EINECS Complies</td>
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<tr>
<td>ELINCS Complies</td>
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<td>ENCS Complies</td>
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<td>PICCS Complies</td>
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<td>AICS Complies</td>
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</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>Compliance</th>
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<tbody>
<tr>
<td>Acute Health Hazard</td>
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</tr>
<tr>
<td>Chronic Health Hazard</td>
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</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 08-Nov-2011
Revision Date 08-Nov-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