1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Orange RTU
Product code: 40114-32OZ
Recommended Use: Multi-surface cleaner

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: Clear Thin Liquid
Physical state: liquid
Odor: Citrus

Potential Health Effects
Acute toxicity
- Eyes: Irritating to eyes
- Skin: Irritating to skin
- 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

Eye contact: Flush with flowing water for 15 minutes & see physician.
Skin contact: Wash with soap & water. See physician if irritation persists.
Inhalation: Move to fresh air
Ingestion: Give milk or water to dilute material. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Notes to physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties: Not flammable
Flash point: none
Suitable Extinguishing Media: Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.
Hazardous Combustion Products: If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous oxides.

Explosion Data
Sensitivity to Mechanical Impact: none
Sensitivity to Static Discharge: none
Specific hazards arising from the chemical: Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

Protective Equipment and Precautions for Firefighters: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH approved or equivalent to maintain TLV.

Methods for Containment: Prevent further leakage or spillage if safe to do so
Suitable Extinguishing Media: Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

Methods for cleaning up: Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.

Ingestion: Give milk or water to dilute material. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: Move to fresh air.

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: Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

7. HANDLING AND STORAGE

Advice on safe handling: KEEP OUT OF REACH OF CHILDREN CAUTION Do not get in eyes, on skin or on clothing
Technical measures/Storage conditions: Store upright in original closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Review Section 3 & 4 for Exposure Guidelines.
Engineering Measures

Showerns
Eyewash stations
Ventilation systems

Personal Protective Equipment Institutional Environment

Eye/Face Protection
- Safely 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>No information available</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Thin Liquid</td>
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<td></td>
</tr>
<tr>
<td>Color</td>
<td>clear Yellow</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
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<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
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<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>212 °F</td>
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<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>1.0</td>
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<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
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<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
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<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
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<td></td>
</tr>
<tr>
<td>upper</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>17</td>
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<tr>
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<td>0.62</td>
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<td>Specific Gravity</td>
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</tr>
<tr>
<td>Water solubility</td>
<td>completely soluble</td>
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</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td></td>
<td>No information available</td>
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</tbody>
</table>
Viscosity, dynamic  
Explosive properties  No information available  
Oxidizing Properties  No information available  

9.2 Other information  
Softening point  No information available  
Molecular Weight  No information available  
VOC Content(%)  No information available  
Density VALUE  8.44  
Bulk Density VALUE  No information available  

10. STABILITY AND REACTIVITY  
Stability  Stable  
Incompatible products  Strong oxidizing agents, Cationics  
Conditions to Avoid  None known based on information supplied  
Hazardous Decomposition Products  If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous oxides.  
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>Potassium hydroxide</td>
<td>214 mg/kg (Rat)</td>
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<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>Potassium hydroxide</td>
<td>80: 96 h Gambusia affinis mg/L LC50 static</td>
<td></td>
<td></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  

Page 4 / 6
Contaminated packaging
Do not re-use empty containers

14. TRANSPORT INFORMATION

Note
Compounds, Cleaning Liquid

Dot
Proper shipping name
Not regulated
Compounds, Cleaning Liquid

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>
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</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>TSCA</td>
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<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
SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: POTASSIUM HYDROXIDE
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.
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

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

Issuing date: 04-Oct-2011
Revision Date: 04-Oct-2011
Revision Note: No information available

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