



# SAFETY DATA SHEET

Issuing date 30-Sep-2011

Revision Date 09-May-2014

Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** Swisher Ultra Pot & Pan

### Other means of identification

**Product Code** 41706-1

**Document** 41706-1

### Recommended use of the chemical and restrictions on use

**Recommended use** Manual Pot & Pan Detergent .

### Details of the supplier of the safety data sheet

#### **Distributor**

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

### Emergency telephone number

**24 Hour Emergency Phone Number** CHEMTREC: 1-800-424-9300 (NORTH AMERICA)  
1-703-527-3887 (INTERNATIONAL)

**Company Phone Number** 800-444-4138

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                                   |            |
|-----------------------------------|------------|
| Acute Toxicity - Oral             | Category 4 |
| Serious eye damage/eye irritation | Category 2 |
| Flammable liquids                 | Category 3 |

### Label elements

#### **Emergency Overview**

#### **Warning**

#### **Hazard Statements**

Harmful if swallowed  
Causes serious eye irritation  
Flammable liquid and vapor

**Appearance** Transparent Liquid**Physical state** Liquid**Odor** Pleasant**Precautionary Statements - Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other information**

- Harmful to aquatic life with long lasting effects
- Unknown Acute Toxicity 9.155% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Chemical Name     | CAS-No  | Weight-% | Trade Secret |
|-------------------|---------|----------|--------------|
| Isopropyl alcohol | 67-63-0 | 1% - 10% | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Show this safety data sheet to the doctor in attendance.   |
| <b>Eye contact</b>    | Flush with flowing water for 15 minutes & see physician.   |
| <b>Skin contact</b>   | Flush with flowing water for 15 minutes. See physician if irritation persists.   |
| <b>Inhalation</b>     | Remove to fresh air.   |
| <b>Ingestion</b>      | Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately. Rinse mouth. |

**Most important symptoms/effects, acute and delayed**

|                      |                           |
|----------------------|---------------------------|
| <b>Main Symptoms</b> | No information available. |
|----------------------|---------------------------|

**Indication of immediate medical attention and special treatment needed, if necessary**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**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.

**Hazardous Combustion Products** If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrogen oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

Avoid exposure to fumes or vapors.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

**Environmental precautions**

**Environmental precautions** Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls. .

**7. HANDLING AND STORAGE**

**Precautions for safe handling****Advice on safe handling**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product. Keep away from heat, sparks and open flame. No smoking.

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

**Incompatible products**

Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

Review Section 3 & 4 for Exposure Guidelines.

| Chemical Name                | ACGIH TLV                     | OSHA PEL                                   | NIOSH IDLH  |
|------------------------------|-------------------------------|--|---|
| Isopropyl alcohol<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup> | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> |

NIOSH IDLH: Immediately Dangerous to Life or Health

**Appropriate engineering controls****Engineering Measures**

Ensure adequate ventilation and that running water is available for washing eyes and skin

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Splash-proof chemical goggles or face shield.

**Skin and body protection**

Rubber gloves.

**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**

Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties****Physical state**

Liquid

**Appearance**

Transparent Liquid

**Color**

Blue

**Odor**

Pleasant

**Odor Threshold**

No information available

**Property****Values****Remarks • Methods****pH**

8.5

**Melting/freezing point**

No information available

**Boiling point/boiling range**

100 °C 212 °F

**Flash Point**

46 °C 115 °F

**Evaporation rate**

GT 1.00

**Flammability (solid, gas)**

No information available

**Flammability Limits in Air****Upper flammability limit**

No information available

**Lower flammability limit**

No information available

|  |                          |
|--|--------------------------|
| Vapor pressure                         | 17                       |
| Vapor density                          | 0.62                     |
| Specific Gravity                       | 1.052 ± .005             |
| Water solubility                       | Completely soluble.      |
| 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 |
| Oxidizing Properties                   | No information available |

**Other information**

|                    |                          |
|--------------------|--------------------------|
| Softening point    | No information available |
| Molecular Weight   | No information available |
| VOC Content(%)     | < 5%                     |
| Density VALUE      | 8.77                     |
| Bulk Density VALUE | No information available |

**10. STABILITY AND REACTIVITY****Chemical stability**

Stable.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Heat, flames and sparks.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrogen oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | May be harmful if swallowed May be harmful if absorbed through skin             |
| <b>Inhalation</b>          | Not an expected route of exposure.  |
| <b>Eye contact</b>         | Irritating to eyes.   |
| <b>Skin contact</b>        | Irritating to skin.   |
| <b>Ingestion</b>           | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

| Chemical Name                | Oral LD50            | Dermal LD50              | LC50 Inhalation         |
|------------------------------|----------------------|--------------------------|-------------------------|
| Isopropyl alcohol<br>67-63-0 | = 4396 mg/kg ( Rat ) | = 12800 mg/kg ( Rabbit ) | = 16000 ppm ( Rat ) 8 h |

**Information on toxicological effects**

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                      |                           |
|----------------------|---------------------------|
| <b>Sensitization</b> | No information available. |
|----------------------|---------------------------|

**Mutagenic effects**  
**Carcinogenicity**

No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen. The strong acid process for manufacturing isopropanol has been linked to an increased risk of cancer by IARC and OSHA. However, IARC and OSHA have found no evidence that isopropanol is carcinogenic to humans outside of that specific environment.

| Chemical Name                | ACGIH | IARC    | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Isopropyl alcohol<br>67-63-0 | -     | Group 3 | -   | X    |

*IARC: (International Agency for Research on Cancer)**Group 3 - Not Classifiable as to Carcinogenicity in Humans**OSHA: (Occupational Safety & Health Administration)**X - Present***Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Chronic toxicity**

No known effect.

**Aspiration hazard**

No information available.

**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity**

9.155% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS document .****ATEmix (oral)** 1743 mg/kg**ATEmix (dermal)** 22569 mg/kg**ATEmix (inhalation-dust/mist)** 32.7 mg/l**12. ECOLOGICAL INFORMATION****Ecotoxicity**

17.925% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name                                | Algae/aquatic plants   | Fish   | Crustacea                              |
|--|--|--|--|
| Sodium dodecylbenzenesulfonate<br>25155-30-0 | -  | 10.8: 96 h Oncorhynchus mykiss<br>mg/L LC50 static   | -                                      |
| Isopropyl alcohol<br>67-63-0                 | 1000: 96 h Desmodesmus<br>subspicatus mg/L EC50 1000: 72 h<br>Desmodesmus subspicatus mg/L<br>EC50 | 1400000: 96 h Lepomis<br>macrochirus µg/L LC50 11130: 96 h<br>Pimephales promelas mg/L LC50<br>static 9640: 96 h Pimephales<br>promelas mg/L LC50 flow-through | 13299: 48 h Daphnia magna mg/L<br>EC50 |

|  |  |   |   |
|--|--|---|---|
| Sodium lauryl sulfate<br>151-21-3                    | 53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static | 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 5.8 - 7.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 10.8 - 16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 13.5 - 18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 6.2 - 9.6: 96 h <i>Pimephales promelas</i> mg/L LC50 10.2 - 22.5: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 9.9 - 20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through | - |
| Tetrasodium EDTA<br>64-02-8                          | 1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50  | 41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static   | - |
| 5-Chloro-2-methyl-4-isothiazolin-3-one<br>26172-55-4 | 0.11 - 0.16: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 0.03 - 0.13: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 0.31: 120 h <i>Anabaena flos-aquae</i> mg/L EC50   | 1.6: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static  | - |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                | Partition coefficient |
|------------------------------|-----------------------|
| Isopropyl alcohol<br>67-63-0 | 0.05                  |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment****Waste Disposal Methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Isopropyl alcohol<br>67-63-0 | Toxic Ignitable                   |

## 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**Proper shipping name** Cleaning Compound, Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA -  
 DSL/NDL -  
 EINECS/ELINCS -  
 ENCS -  
 IECSC -  
 KECL -  
 PICCS -  
 AICS -

### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDL** - 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name               | SARA 313 - Threshold Values % |
|-----------------------------|-------------------------------|
| Isopropyl alcohol - 67-63-0 | 1.0                           |

#### **SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | no  |
| <b>Fire Hazard</b>                       | Yes |
| <b>Sudden Release of Pressure Hazard</b> | no  |
| <b>Reactive Hazard</b>                   | 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**

This product contains substances regulated by state right-to-know regulations.

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

|             |                         |                       |                           |  |
|-------------|-------------------------|-----------------------|---------------------------|--|
| <b>NFPA</b> | <b>Health Hazards</b> 1 | <b>Flammability</b> 2 | <b>Instability</b> 0      | <b>Physical and chemical hazards -</b> |
| <b>HMIS</b> | <b>Health hazard</b> 1  | <b>Flammability</b> 2 | <b>Physical Hazards</b> 0 | <b>Personal protection</b> A           |

**Prepared By** Swisher Hygiene Inc.  
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Suite 400  
Charlotte, NC 28210

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**Revision Note**

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**Disclaimer**

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**