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WA 34853  
WA 34854

# SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

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

### Product identifier

Product Name Clorox Commercial Solutions® Clorox® Disinfecting Wipes - Fresh Scent

### Other means of identification

EPA Registration Number 67619-9

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

Recommended use Moistened disinfecting wipes

Uses advised against No information available

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

#### Supplier Address

Clorox Professional Products Company  
1221 Broadway  
Oakland, CA 94612

Phone: 1-510-271-7000

### Emergency telephone number

Emergency Phone Numbers For Medical Emergencies call: 1-800-446-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

**2. HAZARDS IDENTIFICATION****Classification**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GHS Label elements, including precautionary statements****Emergency Overview**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Appearance** Clear, colorless liquid  
absorbed into white, non-woven wipes

**Physical State** Thin liquid absorbed into  
non-woven wipes

**Odor** Fruity, apple, floral

**Precautionary Statements - Prevention**

None

**Precautionary Statements - Response**

None

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

21.5% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name  | CAS No.    | Weight %  | Trade Secret |
|--|------------|-----------|--------------|
| Ethylene glycol monohexyl ether  | 112-25-4   | 1 - 5     | *            |
| n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride            | 85409-23-0 | 0.1 - 0.2 | *            |
| n-Alkyl (5% C12, 60% C14, 30% C16, 5% C18) dimethyl benzyl ammonium chloride | 53516-76-0 | 0.1 - 0.2 | *            |

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

**4. FIRST AID MEASURES****First aid measures**

|                       |   |
|-----------------------|---|
| <b>General Advice</b> | Show this safety data sheet to the doctor in attendance.  |
| <b>Eye Contact</b>    | Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. If present, remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further treatment advice. |
| <b>Skin Contact</b>   | Rinse skin with plenty of water. If irritation persists, call a doctor.   |
| <b>Inhalation</b>     | Move to fresh air. If breathing problems develop, call a doctor.  |
| <b>Ingestion</b>      | Drink a glassful of water. Call a doctor or poison control center.  |

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

|  |                                  |
|--|----------------------------------|
| <b>Most Important Symptoms and Effects</b> | Liquid may cause eye irritation. |
|--|----------------------------------|

**Indication of any immediate medical attention and special treatment needed**

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

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical****Hazardous Combustion Products**

Oxides of carbon.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**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, protective equipment and emergency procedures

Personal Precautions Avoid contact with eyes.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

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

Methods for Cleaning Up Containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool, and well-ventilated place.

Incompatible Products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name   | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|-----------|----------|------------|
| Ethylene glycol monohexyl ether<br>112-25-4   | None      | None     | None       |
| n-Alkyl (68% C12, 32% C14) dimethyl<br>ethylbenzyl ammonium chloride<br>85409-23-0            | None      | None     | None       |
| n-Alkyl (5% C12, 60% C14, 30% C16, 5% C18)<br>dimethyl benzyl ammonium chloride<br>53516-76-0 | None      | None     | None       |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

|                      |  |
|----------------------|--|
| Engineering Measures | Showers<br>Eyewash stations<br>Ventilation systems |
|----------------------|--|

Individual protection measures, such as personal protective equipment

|                          |  |
|--------------------------|--|
| Eye/Face Protection      | No special protective equipment required.  |
| Skin and Body Protection | No special protective equipment required.  |
| Respiratory Protection   | No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required. |
| Hygiene Measures         | Handle in accordance with good industrial hygiene and safety practice.   |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

|                |  |                |                          |
|----------------|--|----------------|--------------------------|
| Physical State | Thin liquid absorbed into non-woven wipes  |                |                          |
| Appearance     | Clear liquid absorbed into non-woven wipes | Odor           | Fruity, apple, floral    |
| Color          | Colorless liquid - white non-woven wipes   | Odor Threshold | No information available |

| Property                               | Values            | Remarks/ Method |
|--|-------------------|-----------------|
| pH                                     | 6 - 9 (liquid)    | None known      |
| Melting/freezing point                 | No data available | None known      |
| Boiling point / boiling range          | No data available | None known      |
| Flash Point                            | No data available | None known      |
| Evaporation rate                       | No data available | None known      |
| Flammability (solid, gas)              | No data available | None known      |
| Flammability Limits in Air             |                   |                 |
| Upper flammability limit               | No data available | None known      |
| Lower flammability limit               | No data available | None known      |
| Vapor pressure                         | No data available | None known      |
| Vapor density                          | No data available | None known      |
| Specific Gravity                       | ~1.0 (liquid)     | None known      |
| Water Solubility                       | Complete (liquid) | None known      |
| Solubility in other solvents           | No data available | None known      |
| Partition coefficient: n-octanol/water | No data available | None known      |
| Autoignition temperature               | No data available | None known      |
| Decomposition temperature              | No data available | None known      |
| Kinematic viscosity                    | No data available | None known      |
| Dynamic viscosity                      | No data available | None known      |
| Explosive Properties                   | Not explosive     |                 |
| Oxidizing Properties                   | No data available |                 |
| <b>Other Information</b>               |                   |                 |
| Softening Point                        | No data available |                 |
| VOC Content (%)                        | No data available |                 |
| Particle Size                          | No data available |                 |
| Particle Size Distribution             | No data available |                 |



**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known.

**Hazardous Decomposition Products**

None known.

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Exposure to vapor or mist may irritate respiratory tract.                                       |
| <b>Eye Contact</b>  | Liquid may cause irritation.  |
| <b>Skin Contact</b> | Liquid may cause slight irritation.   |
| <b>Ingestion</b>    | Ingestion of liquid may cause slight irritation to mucous membranes and gastrointestinal tract. |

**Component Information**

| Chemical Name                               | LD50 Oral       | LD50 Dermal        | LC50 Inhalation      |
|---|-----------------|--------------------|----------------------|
| Ethylene glycol monohexyl ether<br>112-25-4 | 739 mg/kg (Rat) | 721 mg/kg (Rabbit) | >0.5 mg/L (Rat, 4 h) |

**Information on toxicological effects**

**Symptoms** Liquid may cause redness and tearing of eyes.

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

|                              |   |
|------------------------------|---|
| <b>Sensitization</b>         | No information available.   |
| <b>Mutagenic Effects</b>     | No information available.   |
| <b>Carcinogenicity</b>       | None of the ingredients in this product are on the IARC, OSHA, or NTP carcinogen lists. |
| <b>Reproductive Toxicity</b> | No information available.   |

|                          |  |
|--------------------------|--|
| STOT - single exposure   | No information available.                                    |
| STOT - repeated exposure | No information available.                                    |
| Chronic Toxicity         | No known effect based on information supplied.               |
| Target Organ Effects     | Respiratory system, eyes, skin, gastrointestinal tract (GI). |
| Aspiration Hazard        | No information available.                                    |

**Numerical measures of toxicity - Product Information**

|                 |
|-----------------|
| ATEmix (oral)   |
| 40.1 g/kg       |
| ATEmix (dermal) |
| 59.8 g/kg       |

**12. ECOLOGICAL INFORMATION**

|                                      |
|--------------------------------------|
| <u>Ecotoxicity</u>                   |
| No information available.            |
| <u>Persistence and Degradability</u> |
| No information available.            |
| <u>Bioaccumulation</u>               |
| No information available.            |
| <u>Other adverse effects</u>         |
| No information available.            |

**13. DISPOSAL CONSIDERATIONS**

|  |
|--|
| <u>Disposal methods</u>  |
| Dispose of in accordance with all applicable federal, state, and local regulations.                                |
| <u>Contaminated Packaging</u>  |
| Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations. |

**14. TRANSPORT INFORMATION**

|                 |                |
|-----------------|----------------|
| <u>DOT</u>      | Not regulated. |
| <u>TDG</u>      | Not regulated. |
| <u>ICAO</u>     | Not regulated. |
| <u>IATA</u>     | Not regulated  |
| <u>IMDG/IMO</u> | Not regulated  |

15. REGULATORY INFORMATION

Chemical Inventories

**TSCA** All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

**DSL/NDSL** All components are on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

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 which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical Name                   | CAS No.  | Weight % | Threshold Value (%) |
|---------------------------------|----------|----------|---------------------|
| Ethylene glycol monoethyl ether | 112-25-4 | 1 - 5    | 1.0                 |

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 |

**CWA (Clean Water Act)**

This product does not contain any substances that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This product does not contain any substances regulated as a hazardous substance 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.

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Wear gloves for prolonged or frequent use.



US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name                               | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---|------------|---------------|--------------|--------------|----------|
| Ethylene glycol monohexyl ether<br>112-25-4 |            |               | X            | X            | X        |
| Isopropyl alcohol<br>67-63-0                | X          | X             | X            | X            |          |

International Regulations

Canada

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

NFPA      Health Hazard 1      Flammability 0      Instability 0      Physical and Chemical Hazards -

HMIS      Health Hazard 1      Flammability 0      Physical Hazard 0      Personal Protection A

Prepared By      Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

Preparation/Revision Date      January 5, 2015

Revision Note      New

Reference      1102043/174189.002

General Disclaimer

The information provided in this 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

### 1. Product and Company Identification

|                                      |  |                    |
|--------------------------------------|--|--------------------|
| <b>Product identifier</b>            | <b>Sani-Cloth Disinfecting Wipes</b>   | <b>SDS 0089-00</b> |
| <b>Other means of identification</b> | Not available  |                    |
| <b>Recommended use</b>               | Hard, Nonporous Surface Disinfectant   |                    |
| <b>Recommended restrictions</b>      | Not a baby wipe.   |                    |
| <b>Manufacturer</b>                  | Professional Disposables International, Inc.<br>Two Nice-Pak Park, Orangeburg, NY 10962-1376<br>Phone: (USA) 1-845-365-1700 (M-F 9am - 5pm)<br>Emergency Phone: 1-800-999-6423<br>or Distributed By: |                    |

### 2. Hazards Identification

|  |  |             |
|--|--|-------------|
| <b>Physical hazards</b>                          | Not classified.  |             |
| <b>Health hazards</b>                            | Serious eye damage/eye irritation  | Category 2B |
| <b>Environmental hazards</b>                     | Not determined.  |             |
| <b>OSHA defined hazards</b>                      | Not classified.  |             |
| <b>Label elements</b>                            |  |             |
| <b>Hazard symbol</b>                             | None.  |             |
| <b>Signal word</b>                               | Warning  |             |
| <b>Hazard statement</b>                          | Causes eye irritation.   |             |
| <b>Precautionary statement</b>                   |  |             |
| <b>Prevention</b>                                | Wash thoroughly after handling.  |             |
| <b>Response</b>                                  | 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. |             |
| <b>Storage</b>                                   | Store away from incompatible materials.  |             |
| <b>Disposal</b>                                  | Dispose of waste and residues in accordance with local authority requirements.   |             |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.  |             |
| <b>Supplemental information</b>                  | Not applicable.  |             |

### 3. Composition/Information on Ingredients

| <b>Mixture</b>   |   |                   |          |
|--|---|-------------------|----------|
| <b>Chemical name</b>   | <b>Common name and synonyms</b>   | <b>CAS number</b> | <b>%</b> |
| Benzyl-C12-18-alkyldimethyl ammonium chlorides   |   | 68391-01-5        | 0.14     |
| Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides |   | 68956-79-6        | 0.14     |
| <b>Composition comments</b>  | Active ingredients are listed above. All remaining ingredients are withheld as trade secret in accordance with paragraph (i) of the OSHA HCS 1910.1200. |                   |          |

### 4. First Aid Measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Not a normal route of exposure. If symptoms develop move victim to fresh air.   |
| <b>Skin contact</b> | Rinse skin with water/shower. Get medical attention if irritation develops and persists.  |
| <b>Eye contact</b>  | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |



|   |  |
|---|--|
| <b>Ingestion</b>  | Not a normal route of exposure. Call poison control center or doctor for treatment advice.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Direct contact with eyes may cause moderate eye irritation.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.   |
| <b>General information</b>  | Call a Poison Control Center or doctor for treatment advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Take container, label, product name or DIN / EPA Number with you when seeking medical attention. |

## 5. Fire Fighting Measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Treat for surrounding material.   |
| <b>Unsuitable extinguishing media</b>                                | None known.   |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire-fighting equipment/instructions</b>                          | In the event of fire, cool product with water spray.  |
| <b>Specific methods</b>  | Cool product exposed to flames with water until well after the fire is out.                   |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |
| <b>Hazardous combustion products</b>                                 | Not available   |
| <b>Explosion data</b>  |   |
| <b>Sensitivity to mechanical impact</b>                              | Not available.  |
| <b>Sensitivity to static discharge</b>                               | Not available.  |

## 6. Accidental Release Measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Avoid excessive skin contact. For personal protection, see section 8 of the SDS.                   |
| <b>Methods and materials for containment and cleaning up</b>               | Stop the flow of material, if this is without risk. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>   | Do not discharge into lakes, streams, ponds or public waters.                                      |

## 7. Handling and Storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Use according to package label instructions.<br>Practice good housekeeping.<br>This is not a baby wipe.<br>Avoid contact with eyes.<br>Do not reuse wipe / towelette. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store away from heat. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.  |

## 8. Exposure Controls/Personal Protection

|  |   |
|--|---|
| <b>Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).   |
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).  |
| <b>Exposure guidelines</b>   | This material does not have established exposure limits.  |
| <b>Appropriate engineering controls</b>                                      | General ventilation normally adequate.  |
| <b>Individual protection measures, such as personal protective equipment</b> |   |
| <b>Eye/face protection</b>   | Not required under normal use conditions.   |
| <b>Skin protection</b>   |   |
| <b>Hand protection</b>   | Not required under normal use conditions.   |
| <b>Other</b>   | Not normally required.  |
| <b>Respiratory protection</b>  | Not normally required under normal use conditions. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. |



|                                       |  |
|---------------------------------------|--|
| <b>Thermal hazards</b>                | Not available.                                   |
| <b>General hygiene considerations</b> | Follow good hygienic and housekeeping practices. |

## 9. Physical and Chemical Properties

|   |                                 |
|---|---------------------------------|
| <b>Appearance</b>                                   | Liquid saturated on wipe        |
| <b>Physical state</b>                               | Solid.                          |
| <b>Form</b>   | Pre-moistened towelette.        |
| <b>Color</b>  | White                           |
| <b>Odor</b>   | Slight solvent                  |
| <b>Odor threshold</b>                               | Not available.                  |
| <b>pH</b>   | 7.0 (liquid)                    |
| <b>Melting point/freezing point</b>                 | Not available.                  |
| <b>Initial boiling point and boiling range</b>      | Not available.                  |
| <b>Pour point</b>                                   | Not available.                  |
| <b>Specific gravity</b>                             | 1.02                            |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                  |
| <b>Flash point</b>                                  | > 203.0 °F (> 95.0 °C) (liquid) |
| <b>Evaporation rate</b>                             | Not available.                  |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                 |
| <b>Upper/lower flammability or explosive limits</b> |                                 |
| <b>Flammability limit - lower (%)</b>               | Not available.                  |
| <b>Flammability limit - upper (%)</b>               | Not available.                  |
| <b>Explosive limit - lower (%)</b>                  | Not available.                  |
| <b>Explosive limit - upper (%)</b>                  | Not available.                  |
| <b>Vapor pressure</b>                               | Not available.                  |
| <b>Vapor density</b>                                | Not available.                  |
| <b>Relative density</b>                             | Not available.                  |
| <b>Solubility(ies)</b>                              | Not available.                  |
| <b>Auto-ignition temperature</b>                    | Not available.                  |
| <b>Decomposition temperature</b>                    | Not available.                  |
| <b>Viscosity</b>                                    | Not available.                  |

## 10. Stability and Reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | This product may react with strong oxidizing agents.  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Conditions to avoid</b>                | Do not use on natural marble, windows, unpainted wood, brass, clear plastic or colored grout.<br>Do not use or store near heat or open flame.<br>Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents, Acids.   |
| <b>Hazardous decomposition products</b>   | May include and are not limited to: Oxides of carbon. Ammonia   |

## 11. Toxicological Information

|   |   |
|---|---|
| <b>Routes of exposure</b>                       | Eye, Skin contact, Inhalation, Ingestion.                   |
| <b>Information on likely routes of exposure</b> |   |
| <b>Ingestion</b>                                | Health injuries are not known or expected under normal use. |
| <b>Inhalation</b>                               | Health injuries are not known or expected under normal use. |
| <b>Skin contact</b>                             | Health injuries are not known or expected under normal use. |
| <b>Eye contact</b>                              | Health injuries are not known or expected under normal use. |

**Symptoms related to the physical, chemical and toxicological characteristics**

There are no hazards associated with this product in normal use.

**Information on toxicological effects**

**Acute toxicity**

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Benzyl-C12-18-alkyldimethyl ammonium chlorides (CAS 68391-01-5)

**Acute**

*Dermal*

LD50

Rat

2000 mg/kg

1420 mg/kg

*Inhalation*

LC50

Not available

*Oral*

LD50

Mouse

150 mg/kg

Rat

240 mg/kg

Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides (CAS 68956-79-6)

**Acute**

*Dermal*

LD50

Not available

*Inhalation*

LC50

Not available

*Oral*

LD50

Rat

250 mg/kg

**Skin corrosion/irritation**

Non-irritating based on test data.

**Exposure minutes**

Not available.

**Erythema value**

Not available.

**Oedema value**

Not available.

**Serious eye damage/eye irritation**

May be irritating to eyes.

**Corneal opacity value**

Not available.

**Iris lesion value**

Not available.

**Conjunctival reddening value**

Not available.

**Conjunctival oedema value**

Not available.

**Recover days**

Not available.

**Respiratory or skin sensitization**

**Respiratory sensitization**

Not available.

**Skin sensitization**

Not a skin sensitizer based on test data.

**Germ cell mutagenicity**

The finished product is not expected to have chronic health effects.

**Mutagenicity**

The finished product is not expected to have chronic health effects.

**Carcinogenicity**

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

**Teratogenicity**

The finished product is not expected to have chronic health effects.

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity - repeated exposure**

Not classified.

**Aspiration hazard**

Not classified.

**Chronic effects**

Not classified.

**Further information**

This product has no known adverse effect on human health.

**Name of Toxicologically Synergistic Products**

Not available.



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## 12. Ecological Information

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|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.   |
| <b>Bioaccumulative potential</b>     | No data available.   |
| <b>Mobility in soil</b>              | No data available.   |
| <b>Mobility in general</b>           | Not available.   |
| <b>Other adverse effects</b>         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.            |

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## 13. Disposal Considerations

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|  |   |
|--|---|
| <b>Disposal instructions</b>                 | Dispose of contents/container in accordance with local/regional/national/international regulations.<br><br>Follow container label directions carefully. Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.  |
| <b>Hazardous waste code</b>                  | Assign as required.   |
| <b>Waste from residues / unused products</b> | Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations.                            |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied.   |

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## 14. Transport Information

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**U.S. Department of Transportation (DOT)**  
Not regulated as dangerous goods.

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## 15. Regulatory Information

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|                               |   |
|-------------------------------|---|
| <b>US federal regulations</b> | <p>This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</p> <p>This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.</p> <p><b>PRECAUTIONARY STATEMENTS:</b><br/>Hazards to humans and Domestic animals.<br/><b>CAUTION:</b> Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating and drinking, chewing gum, using tobacco or using toilet.</p> <p>EPA Reg. # 9480-5</p> |
|-------------------------------|---|

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.



**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
 Immediate Hazard - No  
 Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**  
 Not regulated.

**Other federal regulations**

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations** This product is not subject to warning labeling under the California Proposition 65 regulation.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

**US - Texas Effects Screening Levels: Listed substance**

Benzyl-C12-18-alkyldimethyl ammonium chlorides Listed.  
 (CAS 68391-01-5)

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

**US. Rhode Island RTK**

Not regulated.

**Inventory status**

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

| LEGEND   |   |
|----------|---|
| Severe   | 4 |
| Serious  | 3 |
| Moderate | 2 |
| Slight   | 1 |
| Minimal  | 0 |

|                     |     |
|---------------------|-----|
| HEALTH              | / 1 |
| FLAMMABILITY        | 1   |
| PHYSICAL HAZARD     | 0   |
| PERSONAL PROTECTION | X   |



**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

**Issue date** 08-May-2015

**Effective date** 08-May-2015

**Expiry date** 08-May-2018

**Further information** For any questions surrounding this SDS, please contact the supplier/manufacturer listed on the first page of the document.

Revision 0.  
 Based on bulk liquid 4OU16501.

**Prepared by**  
**Other information**

Professional Disposables International, Inc. Phone: 1-845-365-1700

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.