

#1798



CL31335

# SAFETY DATA SHEET

Issuing Date March 26, 2015

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Revision Number 0

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

### Product identifier

**Product Name** Clorox Healthcare® Multi-Surface Quat Alcohol Cleaner Disinfectant Wipes

### Other means of identification

**Synonyms** 70144-2-67619

### 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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                                   |             |
|-----------------------------------|-------------|
| Serious eye damage/eye irritation | Category 2B |
| Flammable liquids                 | Category 3  |

**GHS Label elements, including precautionary statements**

**Emergency Overview**

|   |  |
|---|--|
| <p><b>Signal word</b></p> <p><b>Hazard statements</b><br/>                 Causes eye irritation<br/>                 Flammable liquid and vapor</p> <div style="text-align: center;">  </div> <p><b>Appearance</b> Clear, colorless liquid absorbed into white, non-woven wipes</p> | <p><b>Warning</b></p> <p><b>Physical State</b> Thin liquid absorbed into non-woven wipes</p> <p><b>Odor</b> Solvent, alcohol</p> |
|---|--|

**Precautionary Statements - Prevention**

Wash hands and any exposed skin thoroughly after handling.  
 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 eye protection such as safety glasses.

**Precautionary Statements - Response**

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): Take off immediately all contaminated clothing. Rinse skin with water.  
 In case of fire: Use dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray to extinguish.

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents in accordance with all applicable federal, state, and local regulations.

**Hazards not otherwise classified (HNOC)**

Inhalation of high concentrations of vapor or mist may cause irritation of the respiratory tract, headaches, dizziness, nausea, vomiting, and malaise. Ingestion of liquid may cause central nervous system depression, gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Unknown Toxicity**

No information available.

**Other information**

Toxic to aquatic life with long lasting effects.

**Interactions with Other Chemicals**

Can react with strong oxidizers, inorganic acids, and halogens.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS No.    | Weight %  | Trade Secret |
|--|------------|-----------|--------------|
| Isopropyl alcohol  | 67-63-0    | 15 - 25   | *            |
| 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.  |
| <b>Protection of First-aiders</b> | Remove all ignition sources. Use personal protective equipment as required. Wear personal protective clothing (see section 8).  |

**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

Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray.

### Unsuitable Extinguishing Media

Use of water spray when fighting fire may be inefficient.

### Specific Hazards Arising from the Chemical

Alcohol flames may not be readily visible. Vapors are heavier than air and may travel to source of ignition and flash back. Vapors may form explosive mixtures with air.

### Hazardous Combustion Products

Oxides of carbon.

### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** Yes.

### 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. Keep containers cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Ensure adequate ventilation. Use personal protective equipment as required. Eliminate all potential sources of ignition. Take precautionary measures against static discharges.

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

### Environmental precautions

**Environmental Precautions** Prevent entry into surface water or sanitary sewers. 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** Eliminate all potential sources of ignition, and ventilate area. Absorb and containerize. Do not flush into surface water or sanitary sewer system.

## 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** Store in accordance all applicable regulations and fire codes. Keep containers tightly closed in a cool, well-ventilated place away from heat, sparks, open flames, and hot surfaces.

**Incompatible Products** Strong oxidizers, inorganic acids, and halogens.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name   | ACGIH TLV                       | OSHA PEL      | NIOSH IDLH   |
|---|---------------------------------|---------------|--|
| Isopropyl alcohol<br>67-63-0  | TWA - 200 ppm<br>STEL - 400 ppm | TWA - 400 ppm | IDLH - 2000 ppm (10% LEL)<br>TWA - 400 ppm<br>STEL - 500 ppm |
| 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  
    Eyewash stations  
    Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection**                      None required for normal use. If splashes are likely to occur, wear safety glasses.

**Skin and Body Protection**                      No special protective equipment required.

**Respiratory Protection**                      No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**                              Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                       |  |                       |                          |
|-----------------------|--|-----------------------|--------------------------|
| <b>Physical State</b> | Thin liquid absorbed into non-woven wipes  |                       |                          |
| <b>Appearance</b>     | Clear liquid absorbed into non-woven wipes | <b>Odor</b>           | Solvent, alcohol         |
| <b>Color</b>          | Colorless liquid - white non-woven wipes   | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                               | <u>Values</u>              | <u>Remarks/ Method</u> |
|---|----------------------------|------------------------|
| <b>pH</b>                                     | ~7.5                       | None known             |
| <b>Melting/freezing point</b>                 | No data available          | None known             |
| <b>Boiling point / boiling range</b>          | No data available          | None known             |
| <b>Flash Point</b>                            | ~30°C (liquid, closed cup) | None known             |
| <b>Evaporation rate</b>                       | No data available          | None known             |
| <b>Flammability (solid, gas)</b>              | No data available          | None known             |
| <b>Flammability Limits in Air</b>             |                            |                        |
| <b>Upper flammability limit</b>               | No data available          | None known             |
| <b>Lower flammability limit</b>               | No data available          | None known             |
| <b>Vapor pressure</b>                         | No data available          | None known             |
| <b>Vapor density</b>                          | No data available          | None known             |
| <b>Specific Gravity</b>                       | ~0.95 (liquid)             | None known             |
| <b>Water Solubility</b>                       | Complete (liquid)          | None known             |
| <b>Solubility in other solvents</b>           | No data available          | None known             |
| <b>Partition coefficient: n-octanol/water</b> | No data available          | None known             |
| <b>Autoignition temperature</b>               | No data available          | None known             |
| <b>Decomposition temperature</b>              | No data available          | None known             |
| <b>Kinematic viscosity</b>                    | No data available          | None known             |
| <b>Dynamic viscosity</b>                      | No data available          | None known             |
| <b>Explosive Properties</b>                   | Not explosive              |                        |
| <b>Oxidizing Properties</b>                   | No data available          |                        |
| <br><b><u>Other Information</u></b>           |                            |                        |
| <b>Softening Point</b>                        | No data available          |                        |
| <b>VOC Content (%)</b>                        | No data available          |                        |
| <b>Particle Size</b>                          | No data available          |                        |
| <b>Particle Size Distribution</b>             | No data available          |                        |

## 10. STABILITY AND REACTIVITY

### Reactivity

Can react with strong oxidizers, inorganic acids, and halogens.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None known.

### Conditions to avoid

Keep away from heat, sparks, open flames, and hot surfaces.

### Incompatible materials

Strong oxidizers, inorganic acids, and halogens.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Inhalation of high concentrations of vapor or mist may cause irritation of the respiratory tract, headaches, dizziness, nausea, vomiting, and malaise. |
| <b>Eye Contact</b>  | Liquid may cause irritation.   |
| <b>Skin Contact</b> | Prolonged or repeated use may cause dryness and/or slight irritation.  |
| <b>Ingestion</b>    | Ingestion of liquid may cause central nervous system depression, gastrointestinal irritation, nausea, vomiting, and diarrhea.                          |

#### Component Information

| Chemical Name                | Oral LD50      | Dermal LD50        | Inhalation LC50  |
|------------------------------|----------------|--------------------|------------------|
| Isopropyl alcohol<br>67-63-0 | 4.4 g/kg (Rat) | 12.9 g/kg (Rabbit) | 16000 (Rat, 8 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

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                | ACGIH | IARC    | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Isopropyl alcohol<br>67-63-0 | -     | Group 3 | -   | X    |
| 2-Butoxyethanol<br>111-76-2  | -     | Group 3 | -   | -    |

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans; Group 3 - Not Classifiable as to Carcinogenicity in Humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

#### Reproductive Toxicity

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No information available.

**Target Organ Effects** Eyes, central nervous system (CNS), respiratory system.

**Aspiration Hazard** Not an aspiration hazard.

### Numerical measures of toxicity - Product Information

No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

| Chemical Name                | Toxicity to Algae  | Toxicity to Fish   | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|------------------------------|--|--|----------------------------|----------------------------|
| Isopropyl alcohol<br>67-63-0 | 96h EC50: > 1000 mg/L<br>(Desmodesmus subspicatus)<br>72h EC50: > 1000 mg/L<br>(Desmodesmus subspicatus) | 96h LC50: = 9640 mg/L<br>(Pimephales promelas) 96h<br>LC50: = 11130 mg/L<br>(Pimephales promelas) 96h<br>LC50: > 1400000 µg/L<br>(Lepomis macrochirus) |                            | 48h EC50: 13299 mg/L       |

### Persistence and Degradability

No information available.

### Bioaccumulation

| Chemical Name                | Log Pow |
|------------------------------|---------|
| Isopropyl alcohol<br>67-63-0 | 0.05    |

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

### Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

### DOT

Not regulated per 49CFR 173.150(e)(2) - Aqueous solution of alcohol containing 24 percent or less alcohol by volume, no less than 50% water, and no other hazardous material is not subject to the requirements of the subchapter.

### TDG

Exempted from regulations per TDG Regulations Part 1.36(b).

### ICAO

|                      |  |
|----------------------|--|
| UN-No                | UN1993                                       |
| Proper Shipping Name | Flammable liquid, n.o.s. (Isopropyl alcohol) |
| Hazard Class         | 3  |
| Packing Group        | III  |

### IATA

|                      |  |
|----------------------|--|
| UN-No                | UN1993                                       |
| Proper Shipping Name | Flammable liquid, n.o.s. (Isopropyl alcohol) |
| Hazard Class         | 3  |
| Packing Group        | III  |

### IMDG/IMO

|                      |  |
|----------------------|--|
| UN-No                | UN1993                                       |
| Proper Shipping Name | Flammable liquid, n.o.s. (Isopropyl alcohol) |
| Hazard Class         | 3  |
| Packing Group        | III  |
| EmS No.              | F-E, S-D                                     |



## 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 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**

|  |     |
|--|-----|
| <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  |

#### **CWA (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.

#### **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:** Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapors and contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### 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 |
|------------------------------|------------|---------------|--------------|--------------|----------|
| Isopropyl alcohol<br>67-63-0 | X          | X             | X            | X            |          |
| 2-Butoxyethanol<br>111-76-2  | X          | X             | X            |              |          |

**International Regulations**

Canada  
**WHMIS Hazard Class**  
 B2 - Flammable liquid



**16. OTHER INFORMATION**

|                    |                      |   |                     |   |                        |   |                                      |      |
|--------------------|----------------------|---|---------------------|---|------------------------|---|--------------------------------------|------|
| <b><u>NFPA</u></b> | <b>Health Hazard</b> | 1 | <b>Flammability</b> | 3 | <b>Instability</b>     | 0 | <b>Physical and Chemical Hazards</b> | none |
| <b><u>HMIS</u></b> | <b>Health Hazard</b> | 1 | <b>Flammability</b> | 3 | <b>Physical Hazard</b> | 0 | <b>Personal Protection</b>           | A    |

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

**Revision Date** New

**Revision Note** New

**Reference** 1204522/202911.001

**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**