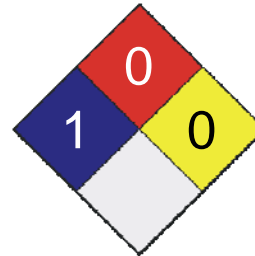


## 1. Product and Company Identification

**Product Name** LYSOL® Disinfecting Wipes (all sizes, all scents)  
**CAS #** Mixture  
**Product use** Disinfectant  
**Distributed by** Reckitt Benckiser  
 Morris Corporate Center IV  
 399 Interpace Parkway  
 P.O. Box 225  
 Parsippany, NJ 07054-0225  
 In Case of Emergency: 1-800-338-6167  
 Transportation Emergencies: 24 Hour Number:  
 North America: CHEMTREC: 1-800-424-9300  
 Outside North America: 1-703-527-3887

| LEGEND<br>HMIS/NFPA |   |
|---------------------|---|
| Severe              | 4 |
| Serious             | 3 |
| Moderate            | 2 |
| Slight              | 1 |
| Minimal             | 0 |

|                     |     |
|---------------------|-----|
| Health              | / 1 |
| Flammability        | 0   |
| Physical Hazard     | 0   |
| Personal Protection | A   |



## 2. Hazards Identification

**Emergency overview** This product is regulated by the US EPA as a disinfectant.

PRECAUTIONARY STATEMENTS: Hazards to humans and domestic animals.

CAUTION  
MAY CAUSE EYE IRRITATION. Avoid contact with eyes. Wash hands after use.

KEEP OUT OF REACH OF CHILDREN.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.

**Eyes** May cause eye irritation.

**Skin** None expected during normal conditions of use.  
Not expected to be a skin sensitizer.

**Inhalation** None expected during normal conditions of use.

**Ingestion** Health injuries are not known or expected under normal use.

**Target organs** Blood. Eyes. Liver. Respiratory system. Skin.

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

**Signs and symptoms** Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**OSHA Regulatory Status** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Potential environmental effects** See section 12.

## 3. Composition / Information on Ingredients

| Ingredient(s)   | CAS #          | Percent  |
|---|----------------|----------|
| Ethanol   | 64-17-5        | 2.5 - 10 |
| Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides | Not Applicable | 0.1 - 1  |

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## 4. First Aid Measures

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### First aid procedures

|                     |   |
|---------------------|---|
| <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>Skin contact</b> | Wash hands thoroughly after handling. If skin irritation persists, call a physician.  |
| <b>Inhalation</b>   | Move to fresh air.  |
| <b>Ingestion</b>    | Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center IMMEDIATELY.   |

### Notes to physician

**General advice** Wipes are saturated with a solution containing less than 3% denatured ethyl alcohol. Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

Follow label directions carefully.

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## 5. Fire Fighting Measures

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|   |   |
|---|---|
| <b>Flammable properties</b>                       | The flashpoint of the liquid within this product is > 93.3°C (200°F) (Tagliabue).               |
| <b>Extinguishing media</b>                        |   |
| <b>Suitable extinguishing media</b>               | Treat for surrounding material.   |
| <b>Unsuitable extinguishing media</b>             | Not available   |
| <b>Protection of firefighters</b>                 |   |
| <b>Specific hazards arising from the chemical</b> | Not available   |
| <b>Protective equipment for firefighters</b>      | Firefighters should wear full protective clothing including self contained breathing apparatus. |
| <b>Hazardous combustion products</b>              | May include and are not limited to: Oxides of carbon. Oxides of nitrogen.                       |
| <b>Explosion data</b>                             |   |
| <b>Sensitivity to mechanical impact</b>           | Not available   |
| <b>Sensitivity to static discharge</b>            | Not available   |

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## 6. Accidental Release Measures

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|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Avoid contact with eyes. Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. |
| <b>Environmental precautions</b> | Do not discharge into lakes, streams, ponds or public waters.  |
| <b>Methods for containment</b>   | Do not allow product to enter sewer or waterways.  |
| <b>Methods for cleaning up</b>   | Remove sources of ignition. Never return spills to original containers for re-use.   |
| <b>Other information</b>         | Pick up and discard towel.   |

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## 7. Handling and Storage

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|                 |   |
|-----------------|---|
| <b>Handling</b> | Avoid contact with eyes.<br>Wash hands after handling and before eating.<br>Use good industrial hygiene practices in handling this material.<br>Food contact surfaces must be rinsed with potable water.<br>Not recommended for polished or bare wood floors.<br>Not intended for personal hygiene.                                       |
| <b>Storage</b>  | Store in original container out of reach of small children. Keep securely closed in a cool, well ventilated area. Do not reuse empty container. Rinse and discard or recycle.<br>Do not store at temperatures above 120°F (49°C).<br><br>It is a violation of Federal law to use this product in a manner inconsistent with its labeling. |

## 8. Exposure Controls / Personal Protection

| Exposure limits   |   |
|---|---|
| Ingredient(s)   | Exposure Limits   |
| Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides | <b>ACGIH-TLV</b><br>Not established<br><b>OSHA-PEL</b><br>Not established   |
| Ethanol   | <b>ACGIH-TLV</b><br>TWA: 1000 ppm<br>STEL: 1000 ppm<br><b>OSHA-PEL</b><br>TWA: 1000 ppm   |
| <b>Engineering controls</b>                                       | General ventilation normally adequate.  |
| <b>Personal protective equipment</b>                              |   |
| <b>Eye / face protection</b>                                      | Avoid contact with eyes.<br>Emergency responders should wear full eye and face protection.  |
| <b>Hand protection</b>  | Wash hands after use.<br>Emergency responders should wear impermeable gloves.   |
| <b>Skin and body protection</b>                                   | As required by employer code.<br>Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.   |
| <b>Respiratory protection</b>                                     | Not normally required under normal use conditions.<br>Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.            |
| <b>General hygiene considerations</b>                             | Handle in accordance with good industrial hygiene and safety practice.<br>When using do not eat or drink.<br>Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact. |

## 9. Physical and Chemical Properties

|   |  |
|---|--|
| <b>Appearance</b>                                     | Liquid saturated on wipe                 |
| <b>Color</b>  | clear liquid                             |
| <b>Form</b>   | Pre-moistened towelette.                 |
| <b>Odor</b>   | Various                                  |
| <b>Odor threshold</b>                                 | Not available                            |
| <b>Physical state</b>                                 | Not available                            |
| <b>pH</b>   | 10.5 (Liquid)                            |
| <b>Freezing point</b>                                 | Not available                            |
| <b>Boiling point</b>                                  | Not available                            |
| <b>Pour point</b>                                     | Not available                            |
| <b>Evaporation rate</b>                               | Not available                            |
| <b>Flash point</b>                                    | > 200 °F (> 93.33 °C) (Liquid) Tagliabue |
| <b>Auto-ignition temperature</b>                      | Not available                            |
| <b>Flammability limits in air, lower, % by volume</b> | Not available                            |
| <b>Flammability limits in air, upper, % by volume</b> | Not available                            |
| <b>Vapor pressure</b>                                 | Not available                            |
| <b>Vapor density</b>                                  | Not available                            |
| <b>Specific gravity</b>                               | 0.99 (Liquid)                            |
| <b>Octanol/water coefficient</b>                      | Not available                            |
| <b>Solubility (H2O)</b>                               | Wipe is not soluble                      |

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## 10. Stability and Reactivity

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|   |   |
|---|---|
| <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>                 | Stable under recommended storage conditions.  |
| <b>Conditions to avoid</b>                | DO NOT MIX WITH BLEACH or use in conjunction with other household products. Heat, open flames, static discharge, sparks and other ignition sources. |
| <b>Incompatible materials</b>             | Oxidizers.  |
| <b>Hazardous decomposition products</b>   | May include and are not limited to: Oxides of carbon. Oxides of nitrogen.   |

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## 11. Toxicological Information

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### Component analysis - LC50

| Ingredient(s)   | LC50          |
|---|---------------|
| Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides | Not available |
| Ethanol   | 31623 ppm rat |

### Component analysis - Oral LD50

| Ingredient(s)   | LD50                             |
|---|----------------------------------|
| Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides | 426 mg/kg rat                    |
| Ethanol   | 3450 mg/kg mouse; 7060 mg/kg rat |

### Effects of acute exposure

|                        |   |
|------------------------|---|
| <b>Eye</b>             | May cause eye irritation.   |
| <b>Skin</b>            | None expected during normal conditions of use.<br>Not expected to be a skin sensitizer. |
| <b>Inhalation</b>      | None expected during normal conditions of use.  |
| <b>Ingestion</b>       | Health injuries are not known or expected under normal use.                             |
| <b>Sensitization</b>   | The finished product is not expected to have chronic health effects.                    |
| <b>Chronic effects</b> | The finished product is not expected to have chronic health effects.                    |
| <b>Carcinogenicity</b> | The finished product is not expected to have chronic health effects.                    |

#### ACGIH - Threshold Limit Values - Carcinogens

|         |         |   |
|---------|---------|---|
| Ethanol | 64-17-5 | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans |
|---------|---------|---|

|   |  |
|---|--|
| <b>Mutagenicity</b>                                 | The finished product is not expected to have chronic health effects. |
| <b>Reproductive effects</b>                         | The finished product is not expected to have chronic health effects. |
| <b>Teratogenicity</b>                               | The finished product is not expected to have chronic health effects. |
| <b>Name of Toxicologically Synergistic Products</b> | Not available  |

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## 12. Ecological Information

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|  |   |  |
|--|---|--|
| <b>Ecotoxicity</b>   | Components of this product have been identified as having potential environmental concerns. |  |
| <b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b> |   |  |
| Ethanol  | 64-17-5   | 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 12.0 - 16.0 mL/L [static]; 96 Hr LC50 <i>Pimephales promelas</i> : >100 mg/L [static]; 96 Hr LC50 <i>Pimephales promelas</i> : 13400 - 15100 mg/L [flow-through] |
| <b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>      |   |  |
| Ethanol  | 64-17-5   | 48 Hr LC50 <i>Daphnia magna</i> : 9268 - 14221 mg/L; 24 Hr EC50 <i>Daphnia magna</i> : 10800 mg/L; 48 Hr EC50 <i>Daphnia magna</i> : 2 mg/L [Static]   |
| <b>Persistence / degradability</b>                         | Not available   |  |
| <b>Bioaccumulation / accumulation</b>                      | Not available   |  |
| <b>Mobility in environmental media</b>                     | Not available   |  |

|                                  |               |
|----------------------------------|---------------|
| <b>Environmental effects</b>     | Not available |
| <b>Aquatic toxicity</b>          | Not available |
| <b>Partition coefficient</b>     | Not available |
| <b>Chemical fate information</b> | Not available |

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### 13. Disposal Considerations

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|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Dispose of wipe in trash after use.<br>Do not reuse empty container. Rinse container and offer for recycling where facilities exist.<br>Dispose in accordance with all applicable regulations. |
| <b>Waste from residues / unused products</b> | Not available  |
| <b>Contaminated packaging</b>                | Not available  |

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### 14. Transport Information

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**UN/ID N.o.** Not applicable

**U.S. Department of Transportation (DOT): Classification:** Not regulated

|                              |                |
|------------------------------|----------------|
| <b>Proper shipping name</b>  | Not applicable |
| <b>U.S. DOT Hazard Class</b> | Not applicable |
| <b>Subsidiary Risk</b>       | Not applicable |
| <b>Packing group</b>         | Not applicable |
| <b>DOT RQ (lbs)</b>          | Not applicable |
| <b>ERG NO</b>                | Not applicable |

**Transportation of Dangerous Goods (TDG - Canada): Classification:** Not regulated

|                             |                |
|-----------------------------|----------------|
| <b>Proper shipping name</b> | Not applicable |
| <b>Status</b>               | Not applicable |
| <b>Packing group</b>        | Not applicable |

**IMDG (Marine Transport): Classification:** Not regulated

|                      |                |
|----------------------|----------------|
| Proper shipping name | Not applicable |
| Class                | Not applicable |
| Subsidiary Risk      | Not applicable |
| Packing group        | Not applicable |
| IMDG Page            | Not applicable |
| Marine pollutant     | Not applicable |
| EMS                  | Not applicable |
| MFAG                 | Not applicable |
| Maximum Quantity     | Not applicable |

**IATA/ICAO (Air): Classification:** Not regulated

|                      |                |
|----------------------|----------------|
| Proper shipping name | Not applicable |
| Class                | Not applicable |
| Subsidiary Risk:     | Not applicable |
| Packing group        | Not applicable |
| Maximum Quantity     | Not applicable |

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## 15. Regulatory Information

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**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical Yes

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Product Registration: Registered with EPA, EPA Reg. No. 777-114

**CERCLA (Superfund) reportable quantity**

None

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

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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

|   |           |                  |
|---|-----------|------------------|
| <b>State regulations</b>  | See below |                  |
| <b>U.S. - Massachusetts - Right To Know List</b>                  |           |                  |
| Ethanol   | 64-17-5   | Teratogen        |
| <b>U.S. - Minnesota - Hazardous Substance List</b>                |           |                  |
| Ethanol   | 64-17-5   | Present          |
| <b>U.S. - New Jersey - Right to Know Hazardous Substance List</b> |           |                  |
| Ethanol   | 64-17-5   | sn 0844          |
| <b>U.S. - Pennsylvania - RTK (Right to Know) List</b>             |           |                  |
| Ethanol   | 64-17-5   | Present          |
| <b>U.S. - Rhode Island - Hazardous Substance List</b>             |           |                  |
| Ethanol   | 64-17-5   | Toxic; Flammable |

**Inventory status**

| <b>Country(s) or region</b> | <b>Inventory name</b>                         | <b>On inventory (yes/no)*</b> |
|-----------------------------|---|-------------------------------|
| 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

**Disclaimer**

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Further information**

- LYSOL® Disinfecting Wipes - Lemon & Lime Blossom 35, 80, 110ct. - 0314170 v.1
- LYSOL® Disinfecting Wipes - Ocean Fresh™ 35 , 80, 110 ct. - 0314192 v.1
- LYSOL® Disinfecting Wipes - Lemon Lime To Go 9 ct. - 0314170 v.1
- LYSOL® Disinfecting Wipes XL - Lemon & Lime Blossom 24, 54 ct. - 0314170 v.1
- LYSOL® Disinfecting Wipes - Spring Waterfall 35, 80, 110 ct. - 0209440 v2.0
- LYSOL® Disinfecting Wipes - Citrus 35, 80 & 110 ct. - 0209439 v2.0

**Issue date**

27-Jan-2012

**Effective date**

15-Jan-2012

**Prepared by**

Reckitt Benckiser Regulatory Department 800-333-3899

**Other information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.