



# Material Safety Data Sheet

## Section 1. Product and Company Identification

|                            |   |                                    |   |
|----------------------------|---|------------------------------------|---|
| <b>Product Name</b>        | <b>PROFESSIONAL LYSOL® BRAND II DISINFECTANT SPRAY, ALL SCENTS (AEROSOL)</b>  | <b>MSDS#</b>                       | Not available.  |
| <b>Product Description</b> | A professional disinfectant spray that kills viruses, bacteria, mold and mildew.  | <b>Validation Date</b>             | 9/8/2005  |
| <b>Manufacturer</b>        | Reckitt Benckiser North America, Inc.<br>Morris Corporate Center IV<br>399 Interpace Parkway (P.O. Box 225)<br>Parsippany, N.J. 07054-0225  | <b>Print Date</b>                  | 9/8/2005  |
| <b>Product Identifier</b>  | EPA Reg. No. 777-72   | <b>In case of Emergency:</b>       | Telephone: 800-677-9218<br>(Professional Products)  |
| <b>Item Number</b>         | 36241-76510-00  | <b>Transportation Emergencies:</b> | Chemtrec: 1-800-424-9300<br>(U.S. & Canada)<br><br>Outside the U.S & Canada<br>(North America), call:<br>703-527-3887 |
| <b>Formula Number</b>      | 677-059A (F/F 373288) Original; 677-059B (F/F 373286) Fresh; 775-111 (F/F 380206) Country®; 677-092B (F/F 377643) Crisp Linen®; 677-059G (F/F 373280) Spring Waterfall™; 629-183C (F/F 372171) Summer Breeze™; 674-015D (F/F 379616) Green Apple. |                                    |   |
| <b>UPC Number</b>          | Original 36241-76510; Fresh 36241-76508; Country® 36241-76507; Crisp Linen® 36241-76511; Spring Waterfall™ 36241-76509; Summer Breeze™ 36241-74520; Green Apple 36241-76768. All 19 oz. Aerosol containers.                                       |                                    |   |

## Section 2. Composition and Information on Ingredients

| Name              | CAS #    | % by Weight | Exposure Limits : TLV/PEL   |
|-------------------|----------|-------------|---|
| 1) CARBON DIOXIDE | 124-38-9 | 4.0         | TWA: 9000 (mg/m <sup>3</sup> ) from ACGIH (TLV)<br>TWA: 5000 (ppm) from ACGIH (TLV)<br>TWA: 9000 STEL: 54 (mg/m <sup>3</sup> ) from OSHA  |
| 2) ETHANOL        | 64-17-5  | 81.0        | TWA: 5000 (ppm) from OSHA<br>TWA: 1880 (mg/m <sup>3</sup> ) from ACGIH (TLV)<br>TWA: 1000 (ppm) from ACGIH (TLV)<br>TWA: 1900 (mg/m <sup>3</sup> ) from OSHA<br>TWA: 1000 (ppm) from OSHA |

## Section 3. Hazards Identification

|                           |   |
|---------------------------|---|
| <b>Emergency Overview</b> | WARNING: Flammable. Contents under pressure. Causes eye irritation. Do not spray in eyes, on skin or on clothing.<br><br>Keep away from heat, sparks and open flame. Exposure to temperatures above 130° F may cause bursting. Do not puncture or incinerate.<br><br>KEEP OUT OF REACH OF CHILDREN. |
|---------------------------|---|

## Section 4. First Aid Measures

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Immediately flush eyes thoroughly with water, remove any contact lenses, and continue to flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists. |
| <b>Skin Contact</b> | If on skin, wash with plenty of soap and water. If irritation occurs or persists, get medical attention.  |
| <b>Inhalation</b>   | If required, remove to fresh air.   |
| <b>Ingestion</b>    | Rinse mouth and drink a glass of water. If symptoms persist, consult a physician. NEVER give an unconscious person anything to ingest.  |

Continued on Next Page

**Section 5. Fire and Explosion Data**

|   |   |
|---|---|
| <b>Flammability</b>                         | Flammable. See Section 14 for any Shipping Classifications.   |
| <b>Flash Point</b>                          | Not applicable. Aerosol flame extension greater than 18 inches or 45 cm.  |
| <b>Explosive Limits in Air</b>              | LOWER: 3.3% UPPER: 19%  |
| <b>Products of Combustion</b>               | Not available.  |
| <b>Fire and Explosion Hazards</b>           | CONTENTS UNDER PRESSURE. Do not use or store near hear or open flame. Do not puncture or incinerate. Exposure to temperatures above 130° F (55° C) may cause bursting.  |
| <b>Fire Fighting Media and Instructions</b> | Water spray, foam, dry chemical or carbon dioxide. Use media suitable for surrounding fire. Use water spray to cool fire exposed containers.  |
| <b>Special Fire Fighting Instructions</b>   | Wear self-contained breathing apparatus and protective equipment appropriate for fighting a typical chemical fire. Move containers away from fire if possible and safe to do so. Provide shielding for venting, rupturing or bursting containers. |

**Section 6. Accidental Release Measures**

|                         |   |
|-------------------------|---|
| <b>Accidental Spill</b> | <p>Small spills: Soak up any spilled liquid with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer.</p> <p>For large spills due to ruptured containers, eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments. Dike, contain and collect liquid and store in metal containers for disposal according to local, state and federal regulations.</p> |
|-------------------------|---|

**Section 7. Handling and Storage**

|                             |  |
|-----------------------------|--|
| <b>Handling and Storage</b> | <p>WARNING: Flammable. Contents under pressure. Causes eye irritation. Do not spray in eyes, on skin or on clothing. Keep away from heat, sparks and open flame. Do not expose to heat or store at temperatures above 55° C (130° F) as container may burst.</p> <p>Store in original container in cool, dry areas inaccessible to small children. Do not puncture or incinerate container. Do not use on polished wood, painted surfaces, leather, rayon fabrics or acrylic plastics. <b>KEEP OUT OF REACH OF CHILDREN.</b></p> <p>It is a violation of federal law to use this product in a manner inconsistent with its labeling.</p> |
|-----------------------------|--|

**Section 8. Exposure Controls/Personal Protection**

|                                 |  |
|---------------------------------|--|
| <b>Ventilation Requirements</b> | None required under normal use conditions. For occupational situations, use sufficient ventilation to keep hazardous ingredients below their Threshold Limit Values (see Section #2).  |
| <b>Eye Protection</b>           | None required under normal use conditions. When handling in large quantities or responding to emergency situations, the use of appropriate eye protection is recommended. Emergency responders should wear full eye and face protection.   |
| <b>Skin Protection</b>          | None required under normal use conditions. Emergency responders should wear impermeable gloves.  |
| <b>Respiratory Protection</b>   | None required for normal recommended use, avoid prolonged breathing of vapors. A self contained breathing apparatus (SCBA) should be used by emergency responders to avoid inhalation of the vapors which may be generated by this product during spill clean-up or fire situations. |
| <b>Other Protection</b>         | Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.   |
| <b>Work/Hygienic Practices</b>  | Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.   |

**Section 9. Physical and Chemical Properties**

|                                   |                    |              |                                |
|-----------------------------------|--------------------|--------------|--------------------------------|
| <b>Description</b>                | Aerosol container. | <b>Odor</b>  | Various scents. See Section 1. |
| <b>pH</b>                         | 10 [Basic.]        | <b>Color</b> | Clear spray mist.              |
| <b>Boiling/Condensation Point</b> | Not available.     |              |                                |
| <b>Specific Gravity</b>           | 0.835 @ 25°C       |              |                                |
| <b>Vapor Pressure</b>             | 95 - 105 psig      |              |                                |
| <b>Vapor Density</b>              | >1 (concentrate)*  |              |                                |
| <b>Viscosity</b>                  | Not available.     |              |                                |
| <b>Solubility</b>                 | Complete.          |              |                                |
| <b>Physical Chemical Comments</b> | Not available.     |              |                                |

**Section 10. Stability and Reactivity Data**

|  |   |
|--|---|
| <b>Chemical Stability</b>                      | The product is stable.  |
| <b>Conditions of Instability</b>               | Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F (55° C) may cause bursting. |
| <b>Incompatibility with Various Substances</b> | Strong oxidizing agents   |
| <b>Hazardous Decomposition Products</b>        | Carbon dioxide, carbon monoxide, and unidentified organic compounds may be formed during thermal decomposition.                                       |
| <b>Hazardous Polymerization</b>                | Will not occur.   |

**Section 11. Toxicological Information**

|                                |  |
|--------------------------------|--|
| <b><u>Exposure effects</u></b> |  |
| <b>Eye Contact</b>             | Causes eye irritation.   |
| <b>Skin Contact</b>            | None expected. May cause skin irritation upon prolonged or repeated contact.   |
| <b>Inhalation</b>              | None expected.   |
| <b>Ingestion</b>               | Ingestion is unlikely through the normal anticipated use of this product. Ingestion of small quantities is not expected to cause any significant adverse effects. Contains denatured ethanol; ingestion may result in ethanol poisoning. |
| <b>Carcinogenicity</b>         | Not listed as carcinogenic by OSHA, NTP or IARC.   |

**Section 12. Ecological Information**

|                    |                |
|--------------------|----------------|
| <b>Ecotoxicity</b> | Not available. |
|--------------------|----------------|

**Section 13. Disposal Considerations**

**Waste Disposal** Dispose of in accordance with local, state and federal regulations.  
  
Container disposal: Replace cap and discard in trash. Do not puncture or incinerate. Do not reuse empty container.


**Section 14. Transport Information**

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|---|--|--|
| <b>DOT Classification</b>                       | ORM-D  |  |
| <b>Proper Shipping Name</b>                     | Consumer Commodity.  |  |
| <b>DOT Identification Number</b>                | Not applicable   |  |
| <b>Packing Group</b>                            | Not applicable   |  |
| <b>Maritime Transportation</b>                  | Not applicable.  |  |
| <b>Hazardous Substances Reportable Quantity</b> | Not applicable.  |  |
| <b>Special Provisions for Transport</b>         | ORM-D: For US Domestic Shipments Only.                         |  |
| <b>TDG Classification</b>                       | Consumer Commodity - Transborder Consignment.                  |  |
| <b>ADR Classification</b>                       | Not applicable.  |  |
| <b>IMDG Classification</b>                      | UN1950, Aerosols, class 2, Limited Quantity.                   |  |
| <b>IATA Classification</b>                      | UN1950, Aerosols, Flammable, Class/Div. 2.1, Limited Quantity. |  |

**Section 15. Regulatory Information**

|   |   |   |
|---|---|---|
| <b>Federal and State Regulations</b>        | SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting:<br><br>None<br><br>California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act:<br><br>None |   |
| <b>Other Classifications</b>                | <b>WHMIS (Canada)</b>   | CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). |
| <b>New Jersey Right-To-Know Regulation:</b> | NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW ACT: This EPA Registered Product is exempt from the labeling requirements of the above act. N.J.A.C. 8:59-5.5 #1.   |   |

**Section 16. Other Information**

|                      |  |                       |   |             |   |            |   |                     |   |  |  |
|----------------------|--|-----------------------|---|-------------|---|------------|---|---------------------|---|--|--|
| <b>HMIS (U.S.A.)</b> | <table border="1"> <tr><td>Health Hazard</td><td>1</td></tr> <tr><td>Fire Hazard</td><td>2</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table> | Health Hazard         | 1 | Fire Hazard | 2 | Reactivity | 0 | Personal Protection | B | <b>National Fire Protection Association (U.S.A.)</b> |  <p>Health: 1<br/>Fire Hazard: 1<br/>Reactivity: 0<br/>Specific hazard: 1</p> |
| Health Hazard        | 1  |                       |   |             |   |            |   |                     |   |  |  |
| Fire Hazard          | 2  |                       |   |             |   |            |   |                     |   |  |  |
| Reactivity           | 0  |                       |   |             |   |            |   |                     |   |  |  |
| Personal Protection  | B  |                       |   |             |   |            |   |                     |   |  |  |
|                      | <b>NFPA Aerosol Level</b>  | 1, per NFPA 30B 1.7.1 |   |             |   |            |   |                     |   |  |  |

**Continued on Next Page**

**PROFESSIONAL LYSOL® BRAND II  
DISINFECTANT SPRAY, ALL SCENTS  
(AEROSOL)**

**Page Number: 5**

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