MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 27-Jul-2009

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: EPA Reg. MSDS

Commercial Product Name: Lysol® Brand III Kills 99.9% of Viruses & Bacteria Disinfectant Spray - Citrus Meadows™ scent

Validation/Revision Date: 27-Jul-2009


Formula Number: 1314-032 (0175926) Citrus Meadows

UPC Code(s) and Size: 19200 81545 (12.5 oz.)

Recommended / Intended Use: Disinfectant surface spray

Manufacturer: Reckitt Benckiser Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
Telephone: +1 973 404 2600

Distributor: Reckitt Benckiser Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
Telephone: +1 973 404 2600

Emergency Telephone Number: 1-800-228-4722 (U.S.)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside U.S. and Canada (North America), call Chemtrec: 703-527-3887
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2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!
Causes moderate eye irritation.
Do not spray in eyes, on skin or on clothing.
Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FLAMMABLE
Contents under pressure.
Keep away from heat, sparks and open flame.
Exposure to temperatures above 130°F may cause bursting.

KEEP OUT OF REACH OF CHILDREN

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Proportion (% w/w)</th>
<th>ACGIH - Occupational Exposure Limits - TWAs</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>30 - 60 %</td>
<td>-</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td>n-butane</td>
<td>1 - 5 %</td>
<td>= 1000 ppm TWA</td>
<td>TWA: 800 ppm</td>
</tr>
<tr>
<td>106-97-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>&lt; 2.5 %</td>
<td>= 1000 ppm TWA</td>
<td>TWA: 1800 mg/m³</td>
</tr>
<tr>
<td>74-98-6</td>
<td></td>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1800 mg/m³</td>
</tr>
</tbody>
</table>

Commercial Product Name: Lysol® Brand III Kills 99.9% of Viruses & Bacteria Disinfectant Spray - Citrus Meadows™ scent
4. FIRST AID MEASURES

Inhalation
Move to fresh air

Skin Contact
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Eye Contact
If in eyes, 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.

Ingestion
Clean mouth with water and afterwards drink plenty of 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
Contains Denatured Ethyl Alcohol
Ingestion may result in ethanol poisoning
Treat symptomatically

Protection of First-aiders
Use personal protective equipment.

Aggravated Medical Conditions:
NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit www.inhalant.org.
5. FIRE-FIGHTING MEASURES

Flash point: 25.6°C (78°F)
Aerosol flame extension less than 18 inches (45 cm).

Suitable Extinguishing Media: FLAMMABLE AEROSOL.

Extinguishing media which must not be used for safety reasons: No information available

Specific hazards: All aerosols are pressurised products and will eventually burst if exposed to very high temperatures, or if involved in a fire. They will then release the propellant hydrocarbon gas which is extremely flammable.

Unusual hazards: Aerosol cans may explode with extreme heat and become projectiles.

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

Precautions for fire-fighting: Standard procedure for chemical fires. Move aerosol containers away from fire if possible and safe to do so. Use water spray to cool fire exposed containers. Provide shielding to protect firefighters from venting, rupturing or bursting containers.

NFPA Aerosol Level: Flammability Rating 1, per NFPA 30B.

NFPA:  Health Hazard: 1  Flammability: 1  Physical Hazard: 0
HMIS:  Health Hazard: 1  Flammability: 3  Physical Hazard: 0  Personal Protection: B

Key: (Also see Sections 3 & 8)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation.

Environmental Precautions: Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

Methods for Cleaning Up: Small spills: Wearing appropriate protective equipment, soak up with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer.

Large Spills: Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments.

Collect any remaining liquid and store in metal container for later disposal according to local, state, provincial or federal regulations.

Methods for Containment: Prevent further leakage or spillage if safe to do so.
7. HANDLING AND STORAGE

Handling:
Use only as directed on the container label.
Ensure adequate ventilation.
Wear personal protective equipment.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapors or mists.
Do not puncture or incinerate cans.
Wash thoroughly with soap and water after handling.
Keep product and empty container away from heat and sources of ignition.

Storage:
Store in original container in areas inaccessible to small children and pets.
Store in cool/well-ventilated place.
CONTAINERS SHOULD BE KEPT OUT OF REACH OF CHILDREN.
Pressurised container.
Protect from sunlight and do not expose to temperatures exceeding 55°C.
Do not pierce or burn after use. Keep away from all sources of ignition.
Fires involving flammable aerosols are severe and can spread very quickly. Warehouses and stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration.
Stores should be well ventilated, particularly at low levels. The natural ventilation in a large open warehouse building will normally be suitable.
Avoid the storage of aerosols in basements where practicable.

EPA Registered Product:
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIHTLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td>64-17-5</td>
<td>-</td>
<td>TWA: 1900 mg/m³</td>
</tr>
<tr>
<td>n-butane</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 800 ppm</td>
</tr>
<tr>
<td>106-97-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>-</td>
<td>TWA: 1800 mg/m³</td>
</tr>
<tr>
<td>74-98-6</td>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 1800 mg/m³</td>
</tr>
</tbody>
</table>
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Engineering Controls: For occupational exposures, ensure adequate ventilation.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained

Personal Protective Equipment

Respiratory Protection: None required under normal usage.
Use only with adequate ventilation
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapors generated by this product during a spill or other clean-up operations.

Eye/Face Protection: Avoid contact with eyes
If splashes are likely to occur, wear:
Tightly fitting safety goggles

Hand Protection: Avoid contact with skin
Wear protective gloves/clothing

Skin and Body Protection: Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.

Hygiene Measures: Avoid contact with eyes, skin, and clothing.
Wash thoroughly with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Appearance: Aerosol

Colour: Clear to slight yellow

Odour: Characteristic of variant

pH 10.8 -11.8

Flash Point: 25.6°C / 78°F

Flammability Limits in Air: No information available

Autoignition Temperature: No information available.

Specific Gravity / Density [g/mL]: 7.1 - 7.5 lbs/gal

Vapour Pressure: Not determined.

Solubility: Water solubility: Completely soluble.

Explosion limits:
- upper: No data available.
- lower: No data available.
10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions. Stable up to 55 °C

Conditions to Avoid: Heat, flames and sparks. Pressurised container. Protect from the sunlight and do not expose to temperatures exceeding 55 °C (130° F). Extremes of temperature can occur in cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn even after use. Do not spray on a naked flame, onto or near fire, or any incandescent material such as an electric fire.

Materials to Avoid: Do not mix with other household chemicals

Hazardous Decomposition Products: Oxides of carbon and unknown organic compounds. Thermal decomposition can lead to release of irritating gases and vapors.

Polymerization: Hazardous polymerization does not occur.
PRODUCT TOXICITY DATA

LD₅₀ Oral: No information available

LD₅₀ Dermal: No information available

LC₅₀ Inhalation (Dust): No information available

LC₅₀ Inhalation (Vapor): No information available

Acute Effects:

Eye Irritation
Moderate eye irritation

Skin Irritation
None expected during normal conditions of use.

Inhalation
None expected during normal use. However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Ingestion
Contains denatured ethyl alcohol.
May be harmful if swallowed.
See Section 4 for First Aid instructions.

Sensitization
Not expected to be a skin sensitizer.

Specific Effects

Carcinogenic Effects: Not listed as carcinogenic by OSHA, NTP or IARC.

Mutagenic Effects
No information available.

Reproductive Toxicity: No information available.

Additional Toxicity Information: Information is based on available component data and toxicity result of similar products.

COMPONENT TOXICITY DATA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>LD₅₀ Oral - With Units - Rat - mg/kg</th>
<th>LD₅₀ Dermal - With Units - Rat/Rabbit - mg/kg</th>
<th>LC₅₀ Inhalation - With units - Rat/Rabbit</th>
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<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>7060 mg/kg (Rat)</td>
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<tr>
<td>n-butane</td>
<td>106-97-8</td>
<td></td>
<td>658 mg/L (Rat) 4 h</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td></td>
<td>658 mg/L (Rat) 4 h</td>
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</table>
12. ECOLOGICAL INFORMATION

**PRODUCT TOXICITY DATA**

**Ecotoxicity effects**
- **Aquatic toxicity:** No information available

**COMPONENT TOXICITY DATA**

- **Ethanol**
  - 64-17-5 (30 - 60 %)
  - **Freshwater Fish**
    - LC50 = 14.2 mg/L Pimephales promelas 96 h
  - **Microtox**
    - EC50 = 35470 mg/L 5 min
  - **Water Flea**
    - EC50 = 9268 mg/L 48 h

**Other Information**

- **Ozone depletion potential; ODP;** No information available.
- **Global Warming Potential (GWP):** No information available.

**Additional Ecological Information:** Information given is based on data on the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**
Dispose of in accordance with local, state and federal regulations.

**Contaminated Packaging:**
- Do not re-use empty containers.
- **DO NOT PUNCTURE OR INCINERATE!**
- Dispose of as unused product.

**Waste Disposal:**
- Container disposal: Empty containers may be included with domestic refuse for disposal to a landfill. This container may also be recycled in communities where aerosol container recycling is available. Before offering for recycling, empty the can or use the product according to the label instructions.
### 14. TRANSPORT INFORMATION

**General remarks**
For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

#### DOT

<table>
<thead>
<tr>
<th>Proper shipping name:</th>
<th>Consumer Commodity</th>
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</thead>
<tbody>
<tr>
<td>UN-No:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Subsidiary Class:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
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<tr>
<td>Reportable Quantity (RQ):</td>
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<tr>
<td>Description:</td>
<td>UN 1950, Aerosols, Flammable, Class 2.1</td>
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<td></td>
<td>Re-classed as Consumer Commodity ORM-D</td>
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<td>Emergency Response Guide No:</td>
<td>126 / 171</td>
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#### TDG

<table>
<thead>
<tr>
<th>Proper shipping name:</th>
<th>Consumer Commodity/ Limited Quantity/ LTD. QTY</th>
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<tbody>
<tr>
<td>UN-No:</td>
<td>Not applicable</td>
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<tr>
<td>Packing group:</td>
<td>Not applicable</td>
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<tr>
<td>Description:</td>
<td>UN 1950, Aerosols, Flammable, Class 2.1</td>
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<tr>
<td></td>
<td>Re-classed as Consumer Commodity.</td>
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#### MEX

Not applicable.

#### ICAO

See IATA.

#### IATA

<table>
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<tr>
<th>UN-No:</th>
<th>UN1950</th>
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<tbody>
<tr>
<td>Proper shipping name:</td>
<td>Aerosols, flammable / Consumer Commodity</td>
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<tr>
<td>Hazard Class:</td>
<td>2.1 / (9 if shipped as a Consumer Commodity)</td>
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<tr>
<td>Subsidiary Class:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Description:</td>
<td>UN1950, Aerosols, flammable, Limited Quantity or Consumer Commodity, ID8000 if acceptable to airline. (500 ml. / 17 fl. oz. or less)</td>
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<td>Maximum quantity:</td>
<td>See DG List.</td>
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#### IMDG/IMO

<table>
<thead>
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<tr>
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<td>UN-No:</td>
<td>UN1950</td>
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<td>Packing Group:</td>
<td>Not applicable</td>
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<td>See IMDG Code.</td>
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<td>Marine Pollutant:</td>
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<td>EmS:</td>
<td>F-D, S-U</td>
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<td>MFAG:</td>
<td>Not applicable.</td>
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<tr>
<td>Maximum quantity:</td>
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#### RID

Not applicable.

#### ADR

Not applicable.
15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>PICCS</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>ENCS</th>
<th>CHINA</th>
<th>AICS</th>
<th>ENEC/ELINCS</th>
<th>South Africa STELs</th>
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</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td></td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>200-578-6</td>
<td></td>
</tr>
<tr>
<td>n-butane</td>
<td></td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td>203-448-7</td>
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<tr>
<td>Propane</td>
<td></td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>200-827-9</td>
<td></td>
</tr>
</tbody>
</table>

U.S. Regulations:

Ethanol - 64-17-5
- NJRTK: Not Listed.
- Appearance: Colorless, clear, volatile liquid
- SARA313: None
- California Prop. 65: Not Listed

n-butane - 106-97-8
- NJRTK: Not Listed.
- Appearance: Colorless gas
- SARA313: None
- California Prop. 65: Not Listed

Propane - 74-98-6
- NJRTK: Not Listed.
- Appearance: Colorless gas
- SARA313: None
- California Prop. 65: Not Listed

WHMIS (Canada)

- WHMIS Hazard Class: B5  Flammable aerosol
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16. OTHER INFORMATION

National Fire Protection Association (U.S.A.):

HMIS (U.S.A.):

| Health Hazard | 1 |
| Flammability:   | 3 |
| Physical hazards | 0 |
| PERSONAL PROTECTION | B |

NFPA Aerosol Level: Flammability Rating 1, per NFPA 30B.

Reason for revision: This is a PSDS for State / EPA Registration submission, not to be used for distribution with the final retail product.

Additional advice: This product should only be used as directed on the label and for the purpose intended.

Prepared by: Reckitt Benckiser (U.S.) Inc.
Product Safety Department
1 Philips Parkway
Montvale, New Jersey 07646-1810 USA
FAX: 201-476-7770

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.