1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>LYSOL® IC™ Disinfectant Spray (Aerosol)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPC CODES</td>
<td>Refer to Section 16</td>
</tr>
<tr>
<td>CAS #</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product use</td>
<td>Disinfectant</td>
</tr>
<tr>
<td>Distributed by</td>
<td>Reckitt Benckiser</td>
</tr>
<tr>
<td></td>
<td>Morris Corporate Center IV</td>
</tr>
<tr>
<td></td>
<td>399 Interpace Parkway</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 225</td>
</tr>
<tr>
<td></td>
<td>Parsippany, NJ 07054-0225</td>
</tr>
<tr>
<td>In Case of Emergency:</td>
<td>1-800-228-4722</td>
</tr>
<tr>
<td>Transportation Emergencies:</td>
<td>24 Hour Number: North America: CHEMTREC: 1-800-424-9300</td>
</tr>
<tr>
<td></td>
<td>Outside North America: 1-703-527-3887</td>
</tr>
</tbody>
</table>

**LEGEND**

<table>
<thead>
<tr>
<th>HMIS/NFPA</th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
<td>4</td>
<td>3</td>
<td>0</td>
<td>A</td>
</tr>
<tr>
<td>Serious</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slight</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimal</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**

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.

**PHYSICAL HAZARDS: FLAMMABLE CONTENTS UNDER PRESSURE.**
Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

**Routes of exposure**

Eye, Skin contact, Inhalation, Ingestion.

**Eyes**

Causes moderate 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. Susceptible individuals may experience dizziness, drowsiness, nausea and vomiting if exposed to extremely high concentrations of the vapors.

**Ingestion**

Ingestion of small quantities is not expected to cause any significant adverse effects.

**Target organs**


**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. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>40 - 60</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium saccharinate</td>
<td>Not Applicable</td>
<td>0 - 0.1</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures

Eye contact
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.

Skin contact
In keeping with good hygienic practices, wash exposed areas thoroughly with soap and water.

Inhalation
Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.

Ingestion
Rinse mouth and drink a glass of water. If symptoms persist, consult a physician. NEVER give an unconscious person anything to ingest.

Notes to physician
Contains denatured ethanol; ingestion may result in ethanol poisoning. Symptoms may be delayed.

General advice
Do not puncture or incinerate container. 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. Fire Fighting Measures

Flammable properties
Flammable aerosol by flame projection test. Aerosol flame extension: > 18 inches (45 cm). Containers may explode when heated.

Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
Not available

Protection of firefighters

Specific hazards arising from the chemical
Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

Explosion data

Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
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.

Methods for containment
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.
7. Handling and Storage

Handling

CAUTION
Causes moderate eye irritation.
FLAMMABLE
CONTENTS UNDER PRESSURE.

Do not spray in eyes, on skin or on clothing. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Always replace cap after use.
Do not use on polished wood, leather, rayon fabrics, or acrylic plastics.

Storage

Store in original container in areas inaccessible to small children.
Keep securely closed.
Exposure to temperatures above 130°F (54.4°C) or in sun or discarding can in fire or incinerator may cause bursting.
Do not contaminate water, food or feed by storage or disposal.
Keep away from heat, open flames or other sources of ignition.

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>Exposure limits</th>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredient(s)</td>
<td>Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium saccharinate</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
<tr>
<td></td>
<td>Butane</td>
<td>ACGIH-TLV TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
<tr>
<td></td>
<td>Ethanol</td>
<td>ACGIH-TLV TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA-PEL TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>Propane</td>
<td>ACGIH-TLV TWA: 1000 ppm</td>
</tr>
</tbody>
</table>

General ventilation normally adequate.

Eye / face protection
Not normally required when used as directed. Avoid contact with eyes.
Emergency responders should wear full eye and face protection.

Hand protection
Not normally required when used as directed. Avoid contact with the skin.
Emergency responders should wear impermeable gloves.

Skin and body protection
As required by employer code.

Respiratory protection
Not normally required if good ventilation is maintained.
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.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, Slight yellow</td>
</tr>
<tr>
<td>Form</td>
<td>Misty spray</td>
</tr>
<tr>
<td>Odor</td>
<td>Fresh</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Gas</td>
</tr>
<tr>
<td>pH</td>
<td>10 (Basic)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>3.3</td>
</tr>
<tr>
<td>Flammability limits in air, upper, % by volume</td>
<td>19</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>95 - 105 psig</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.835 @ 25°C</td>
</tr>
<tr>
<td>Octanol/water coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Complete</td>
</tr>
<tr>
<td>VOC (Weight %)</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>Not available</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Heat, open flames, static discharge, sparks and other ignition sources. Aerosol containers are unstable at temperatures above 49°C (120.2°F). Do not mix with other chemicals.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Oxidizers</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>May include and are not limited to: Oxides of carbon.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
</tbody>
</table>

### 11. Toxicological Information

<table>
<thead>
<tr>
<th>Component analysis - LC50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredient(s)</td>
<td></td>
</tr>
<tr>
<td>Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium saccharinate</td>
<td>Not available</td>
</tr>
<tr>
<td>Butane</td>
<td>658 mg/l/4h rat</td>
</tr>
<tr>
<td>Ethanol</td>
<td>31623 ppm rat</td>
</tr>
<tr>
<td>Propane</td>
<td></td>
</tr>
<tr>
<td>Component analysis - Oral LD50</td>
<td>LD50</td>
</tr>
<tr>
<td>Ingredient(s)</td>
<td></td>
</tr>
<tr>
<td>Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium saccharinate</td>
<td>Not available</td>
</tr>
<tr>
<td>Butane</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethanol</td>
<td>3450 mg/kg mouse; 7060 mg/kg rat</td>
</tr>
<tr>
<td>Propane</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Effects of acute exposure

Eye
Causes moderate 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.
Susceptible individuals may experience dizziness, drowsiness, nausea and vomiting if exposed to extremely high concentrations of the vapors.

Ingestion
Ingestion of small quantities is not expected to cause any significant adverse effects.

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

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

Carcinogenicity
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

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

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

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

Synergistic Materials
Not available

12. Ecological Information

Ecotoxicity
Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Fish Species Data
Ethanol 64-17-5
96 Hr LC50 Oncorhynchus mykiss: 12.0-16.0 ml/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400-15100 mg/L [flow-through]

Ecotoxicity - Water Flea Data
Ethanol 64-17-5
48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [static]

Environmental effects
Not available

Aquatic toxicity
Not available

Persistence / degradability
Not available

Bioaccumulation / accumulation
Not available

Partition coefficient
Not available

Mobility in environmental media
Not available

Chemical fate information
Not available

13. Disposal Considerations

Waste codes
Not available

Disposal instructions
Dispose in accordance with all applicable regulations.
Review federal, state, and local government requirements prior to disposal. Do not puncture or incinerate container.
To avoid waste, use all material in this container according to label directions.
IF EMPTY: Do not reuse this container. Place in trash or offer for recycling if available.
IF PARTLY FILLED: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Waste from residues / unused products
Not available

Contaminated packaging
Not available
14. Transport Information

U.S. Department of Transportation (DOT)

UN1950, Aerosols, Class 2.1 Re-Classed as Consumer Commodity ORM-D

Transportation of Dangerous Goods (TDG - Canada)

UN 1950, Aerosols, Class 2.1 Re-Classed as Consumer Commodity/LTD. QTY.

IMDG (Marine Transport)

UN 1950, Aerosols, Flammable, Limited Quantity

IATA/ICAO (Air)

UN 1950, Aerosols, Flammable, Limited Quantity
15. Regulatory Information

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. 777-99-675

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical
Yes

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

State regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances
Butane 106-97-8 Present

U.S. - Massachusetts - Right To Know List
Butane 106-97-8 Present
Ethanol 64-17-5 Teratogen
Propane 74-98-6 Present

U.S. - Minnesota - Hazardous Substance List
Butane 106-97-8 Present
Ethanol 64-17-5 Present
Propane 74-98-6 Simple asphyxiant

U.S. - New Jersey - Right to Know Hazardous Substance List
Butane 106-97-8 sn 0273
Ethanol 64-17-5 sn 0844
Propane 74-98-6 sn 1594

U.S. - Pennsylvania - RTK (Right to Know) List
Butane 106-97-8 Present
Ethanol 64-17-5 Present
Propane 74-98-6 Present

U.S. - Rhode Island - Hazardous Substance List
Butane 106-97-8 Toxic; Flammable
Ethanol 64-17-5 Toxic; Flammable
Propane 74-98-6 Toxic; Flammable

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

Issue date 20-Jul-2010
Effective date 15-Jul-2010
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.