1. Product and Company Identification

Product Name: Lysol® Brand III Disinfectant All Purpose Cleaner - 4 in 1, All Scents, All Sizes

UPC CODES: Refer to section 16

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: 1-800-228-4722
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

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. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

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

Eyes: Moderate eye irritation. Avoid eye contact.

Skin: None expected under normal use. Not expected to be a skin sensitizer.

Inhalation: There are no hazards associated with this product in normal use.

Ingestion: Not orally toxic. Ingestion could cause irritation of the mouth and throat.

Target organs: Skin. Eyes.

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>Dipropylene glycol monobutyl ether</td>
<td>29911-28-2</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Lactic acid</td>
<td>50-21-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Sulfonic acids, petroleum, sodium salts</td>
<td>68608-26-4</td>
<td>0.1 - 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**
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**Inhalation**
Move to fresh air.

**Ingestion**
If swallowed, do NOT induce vomiting. Call a physician or Poison Control Center IMMEDIATELY. NEVER give an unconscious person anything to ingest. Show the container or product label to the medical personnel.

**Notes to physician**
Symptoms may be delayed.

**General advice**
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.

5. Fire Fighting Measures

**Flammable properties**
Not flammable by OSHA criteria.

**Extinguishing media**

**Suitable extinguishing media**
Treat for surrounding material.

**Unsuitable extinguishing media**
Not available

**Protection of firefighters**

**Specific hazards arising from the chemical**
Not available

**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**
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. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

**Handling**
CAUTION
Causes moderate eye irritation.
Avoid contact with eyes, skin and clothing.
Use good industrial hygiene practices in handling this material.

Do not use on eating/cooking utensils, glasses/dishes or cookware, unfinished, oil or waxed wood floors.
This product is not recommended for use on finished wood floors, marble, brass, acrylic plastic, finished wood surfaces.
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></td>
<td>Alcohols, C9-11, ethoxylated</td>
<td>ACGIH-TLV&lt;br&gt;Not established&lt;br&gt;OSHA-PEL&lt;br&gt;Not established</td>
</tr>
<tr>
<td></td>
<td>Dipropylene glycol monobutyl ether</td>
<td>ACGIH-TLV&lt;br&gt;Mist: 10 mg/m³&lt;br&gt;OSHA-PEL&lt;br&gt;Not established</td>
</tr>
<tr>
<td></td>
<td>Lactic acid</td>
<td>ACGIH-TLV&lt;br&gt;Not established&lt;br&gt;OSHA-PEL&lt;br&gt;Not established</td>
</tr>
<tr>
<td></td>
<td>Sulfonic acids, petroleum, sodium salts</td>
<td>ACGIH-TLV&lt;br&gt;Not established&lt;br&gt;OSHA-PEL&lt;br&gt;Not established</td>
</tr>
</tbody>
</table>

Engineering controls
- General ventilation normally adequate.

Personal protective equipment
- **Eye / face protection**: Wear safety glasses with side shields. Emergency responders should wear full eye and face protection.
- **Hand protection**: No special requirements under normal use conditions. For sensitive skin or prolonged use, wear rubber gloves. Emergency responders should wear impermeable gloves.
- **Skin and body protection**: As required by employer code. Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.
- **Respiratory protection**: Not normally required under normal use conditions. 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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear.</td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
</tr>
<tr>
<td>Form</td>
<td>aqueous solution</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>3 (Acidic)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Property</td>
<td>Value</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200 °F (&gt; 93.33 °C) Tagliabue</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, %</td>
<td>Not available</td>
</tr>
<tr>
<td>by volume</td>
<td></td>
</tr>
<tr>
<td>Flammability limits in air, upper, %</td>
<td>Not available</td>
</tr>
<tr>
<td>by volume</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.01</td>
</tr>
<tr>
<td>Octanol/water coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Complete</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>DO NOT MIX WITH BLEACH or use in conjunction with other household products.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Caustics. Acids.</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 Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>5 mg/l/4h rat</td>
</tr>
<tr>
<td>Dipropylene glycol monobutyl ether</td>
<td>Not available</td>
</tr>
<tr>
<td>Lactic acid</td>
<td>Not available</td>
</tr>
<tr>
<td>Sulfonic acids, petroleum, sodium salts</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component analysis - Oral LD50 Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>1200 mg/kg rat</td>
</tr>
<tr>
<td>Dipropylene glycol monobutyl ether</td>
<td>3700 mg/kg rat</td>
</tr>
<tr>
<td>Lactic acid</td>
<td>1810 mg/kg guinea pig; 3543 mg/kg rat; 4875 mg/kg mouse</td>
</tr>
<tr>
<td>Sulfonic acids, petroleum, sodium salts</td>
<td>&gt; 2000 mg/kg rat</td>
</tr>
</tbody>
</table>

Effects of acute exposure

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Moderate eye irritation. Avoid eye contact.</td>
</tr>
<tr>
<td>Skin</td>
<td>None expected under normal use.</td>
</tr>
<tr>
<td></td>
<td>Not expected to be a skin sensitizer.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>There are no hazards associated with this product in normal use.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not orally toxic. Ingestion could cause irritation of the mouth and throat.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Reproductive effects</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>The finished product is not expected to have chronic health effects.</td>
</tr>
<tr>
<td>Synergistic Materials</td>
<td>Not available</td>
</tr>
</tbody>
</table>
12. Ecological Information

Ecotoxicity

Bulk quantities, if spilled, may be toxic to aquatic organisms, fish, birds and mammals. Control and clean up all exterior spills and prevent liquid from entering any streams, rivers, lakes and all other bodies of water.

Ecotoxicity - Freshwater Fish Species Data

<table>
<thead>
<tr>
<th>Compound</th>
<th>Hazard Class</th>
<th>Data Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol monobutyl ether</td>
<td></td>
<td>96 Hr LC50 Poecilia reticulata: 841 mg/L [static]</td>
</tr>
</tbody>
</table>

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. Small amounts of waste: Wipe up with a wet paper towel and discard absorbed material in trash collection.
Waste from residues / unused products: Not available
Contaminated packaging: Not available

14. Transport Information

UN/ID N.o.: Not applicable

U.S. Department of Transportation (DOT): Classification: Not regulated
  - Proper shipping name: Not applicable
  - U.S. DOT Hazard Class: Not applicable
  - Subsidiary Risk: Not applicable
  - Packing group: Not applicable
  - DOT RQ (lbs): Not applicable
  - ERG NO: Not applicable

Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated
  - Proper shipping name: Not applicable
  - Status: Not applicable
  - Packing group: 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

15. Regulatory Information

US Federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Product Registration: Registered with EPA, EPA Reg. No. 777-100

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 - 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

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

Inventory status
Country(s) or region United States & Puerto Rico
Inventory name Toxic Substances Control Act (TSCA) Inventory
On inventory (yes/no)* 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**
- 19200-80313-7 - LYSOL® Brand III All Purpose Cleaner 4 IN 1, All Scents, All Sizes - 32 oz. - Pacific Fresh® - 0068651
- 19200-75217-6- LYSOL® Brand III All Purpose Cleaner 4 IN 1, All Scents, All Sizes - 22 oz. - Lemon Breeze® - 0068648
- 36241-75610-9 - LYSOL® Brand III All Purpose Cleaner 4 IN 1, All Scents, All Sizes - 144 oz. - Lemon Breeze® - 0068648

**Issue date**
09-Jul-2010

**Effective date**
15-Jun-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.