SAFETY DATA SHEET

According to US Standard ANSI Z400.1-2004

Print date: 10-May-2011

I. PRODUCT AND COMPANY IDENTIFICATION

SDS Number: D0245597

Commercial Product Name: Lysol® Automatic Toilet Bowl Cleaner, All Scents

Validation/Revision Date 10-May-2011

Formula Number: 1579-050 (0245588) Lavender
1579-051 (0245589) Citrus
1579-053 (0245591) Marine

UPC Code(s) and Size: 40 gm toilet rim block
19200-83722 - Lavender
19200-83723 - Citrus
19200-83721 - Marine

Recommended use Toilet bowl cleaner.

Manufacturer: Reckitt Benckiser Hungary
Fatalepi UT 15
2800 Tatabanya
Hungary
Tel. +36 34 513 770

Distributor: Reckitt Benckiser LLC.
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
2. HAZARDS IDENTIFICATION

Emergency Overview
- WARNING!
EYE AND SKIN IRRITANT

KEEP OUT OF REACH OF CHILDREN

contains: Surfactants

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>Sodium C14-16 olefin sulfonate 68439-57-6</td>
<td>15 - 30 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium 2-dodecylbenzenesulfonate 25155-30-0</td>
<td>15 - 30 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate 497-19-8</td>
<td>&lt; 2.5 %</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation
Move to fresh air. If symptoms persist, call a physician.

Skin Contact
If on skin, wash with plenty of soap and water. If irritation persists get immediate medical attention.

Eye Contact
If in eyes, IMMEDIATELY rinse eyes with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.

Ingestion
Rinse mouth with water. Drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician or Poison Control Centre immediately.

Notes to Physician
Treat symptomatically

Protection of First-aiders
Use personal protective equipment.
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5. FIRE-FIGHTING MEASURES

Flash point: Not applicable.
Solid block

Suitable Extinguishing Media: As suitable for surrounding fire.

Unsuitable Extinguishing media: No information available

Specific Hazards Arising from the Chemical: See Section 2 for Hazard Identification

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.

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard: 3</th>
<th>Flammability: 0</th>
<th>Instability / Reactivity 0</th>
<th>Special: --</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS: Health Hazard: 3</td>
<td>Flammability: 0</td>
<td>Physical Hazard: 0</td>
<td>Personal Protection: B</td>
<td></td>
</tr>
</tbody>
</table>

Key: (Also see Sections 3 & 8)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment.
Avoid contact with skin, eyes and clothing.

Environmental Precautions: Do not flush with water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

Methods for Cleaning Up: Wearing appropriate personal protective equipment; Sweep up and shovel into suitable containers for disposal

Methods for Containment: Prevent further leakage or spillage if safe to do so

7. HANDLING AND STORAGE

Handling: Read and follow product label instructions.
Ensure adequate ventilation
Do not get in eyes, on skin or on clothing.
Do not ingest
Wash thoroughly with soap and water after handling.

Storage: Store in original container in areas inaccessable to small children and pets.
Store at room temperature
KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
</table>

Validation/Revision Date: 10-May-2011
SDS Number: D0245597
Version No.: 1
Commercial Product Name: Lysof® Automatic Toilet Bowl I Cleaner, All Scents
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| Sodium C14-16 olefin sulfonate 68439-57-6 | - | - |
| Sodium 2-dodecylbenzenesulfonate 25155-30-0 | - | - |
| Sodium carbonate 497-19-8 | - | - |

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: No personal respiratory protective equipment normally required.
In the case of respirable dust, use self-contained breathing apparatus

Eye/face Protection: Safety glasses with side-shields.

Hand Protection: 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: Wash thoroughly with soap and water after handling.
Avoid contact with eyes, skin, and clothing.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid.</td>
</tr>
<tr>
<td>Appearance</td>
<td>Solid block</td>
</tr>
<tr>
<td>Colour</td>
<td>Violet&lt;br&gt;Yellow&lt;br&gt;Blue</td>
</tr>
<tr>
<td>Odour</td>
<td>Lavender&lt;br&gt;Citrus&lt;br&gt;Marine scent.</td>
</tr>
<tr>
<td>pH</td>
<td>8 - 10</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 93.3°C / &gt; 200°F</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Specific Gravity / Density [g/mL]</td>
<td>Not applicable, Solid block</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>not determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water solubility, completely soluble.</td>
</tr>
</tbody>
</table>

**Explosion limits:**

- upper: Not available
- lower: Not available

### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Store away from excessive heat and moisture</td>
</tr>
<tr>
<td>Materials to Avoid</td>
<td>Do not mix with other household chemicals</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Oxides of carbon and unknown organic compounds.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
</tbody>
</table>
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1L TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY DATA
LD₉₀ Oral: No information available
LD₉₀ Dermal: No information available
LC₅₀ Inhalation (Dust): No information available
LC₅₀ Inhalation (Vapor): No information available

ACUTE EFFECTS
Eye Irritation Severe eye irritation
Skin Irritation Irritating to skin.
Inhalation None expected during normal conditions of use.
Ingestion Health injuries are not known or expected under normal use.
Sensitization May be harmful if swallowed. See Section 4 for First Aid instructions.
Chronic Effects Not expected to be a skin sensitiser.
Specific Effects No information available.

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-No</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>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium C14-16 olefin sulfonate</td>
<td>68439-57-6</td>
<td>2310 mg/kg ( Rat )</td>
<td>6300 mg/kg ( Rabbit )</td>
<td>no data available</td>
</tr>
<tr>
<td>Sodium 2-dodecylbenzenesulfonate</td>
<td>25155-30-0</td>
<td>438 mg/kg ( Rat )</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>4090 mg/kg ( Rat )</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

PRODUCT TOXICITY DATA

Aquatic toxicity: This product is not classified as an environmental hazard.

COMPONENT TOXICITY DATA

Sodium C14-16 olefin sulfonate 68439-57-6 (15 - 30 %)

Freshwater Fish LC50 96 h Brachydanio reio 1.0-10.0 mg/L
LC50 96 h Brachydanio reio 12.2 mg/L

Sodium 2-dodecylbenzenesulfonate 25155-30-0 (15 - 30 %)

Freshwater Fish LC50 96 h Oncorhynchus mykiss 10.8 mg/L

Sodium carbonate 497-19-8 (< 2.5 %)

Freshwater Algae EC50 = 242 mg/L 120 h

Freshwater Fish LC50 = 300 mg/L Lepomis macrochirus 96 h

Water Flea EC50 = 265 mg/L 48 h

Other Information

Ozone depletion potential; ODP; (R-11 = 1)
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 regulations.

Contaminated Packaging: Dispose of as household trash. For bulk quantities dispose of in accordance with local, regional or national requirements. For further information contact your local waste authority.

Waste Disposal: Dispose of according to Local, State, Provincial and / or Federal regulations.
14. TRANSPORT IN FORMATION

General remarks
Not classified as dangerous in the meaning of transport regulations. For long distance transport of bulk material or shrink pallet take into consideration sections 7 and 10.

DOT
Not regulated

TDG
Not regulated

MEX
Not applicable.

ICAO
Not regulated

IATA
Not regulated

IMDG/IMO
Not regulated

RID
Not applicable.

ADR
Not applicable.

ADN
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>EINECS/ELINCS</th>
<th>South Africa STELs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium C14-16 olefin sulfonate</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>270-407-6</td>
<td></td>
</tr>
<tr>
<td>Sodium 2-dodecylbenzenesulfonate</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>246-680-4</td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>207-838-8</td>
<td></td>
</tr>
</tbody>
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U.S. Regulations:

**Sodium C14-16 olefin sulfonate - 68439-57-6**

<table>
<thead>
<tr>
<th>NJRTK</th>
<th>Appearance</th>
<th>SARA313</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Listed.</td>
<td>None.</td>
<td>None</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**Sodium 2-dodecylbenzenesulfonate - 25155-30-0**

<table>
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<th>SARA313</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>None.</td>
<td>None</td>
<td>Not Listed</td>
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</tbody>
</table>

**Sodium carbonate - 497-19-8**

<table>
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<tr>
<th>NJRTK</th>
<th>Appearance</th>
<th>SARA313</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Listed.</td>
<td>Grayish-white powder or lumps</td>
<td>None</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**WHMIS (Canada)**

| WHMIS Hazard Class | Not determined |

**16. OTHER INFORMATION**

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

![Fire Protection Diamond]

<table>
<thead>
<tr>
<th>HMIS (U.S.A.):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazard</td>
<td>3</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical hazards</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>B</td>
</tr>
</tbody>
</table>

**Reason for revision:**

Not applicable.

**Additional advice:**

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

**Prepared by:**

Reckitt Benckiser LLC.  
Product Safety Department  
1 Phillips Parkway  
Montvale, New Jersey 07646-1810 USA.  
FAX: 201-476-7770

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