SAFETY DATA SHEET
Lysol Touch of Foam Antibacterial Hand Wash All Scents

1. Product and company identification

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Lysol Touch of Foam Hand Wash All Scents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Distributed by</strong></td>
<td>Reckitt Benckiser LLC.</td>
</tr>
<tr>
<td></td>
<td>Morris Corporate Center IV</td>
</tr>
<tr>
<td></td>
<td>399 Interpace Parkway (P.O. Box 225)</td>
</tr>
<tr>
<td></td>
<td>Parsippany, New Jersey 07054-0225</td>
</tr>
<tr>
<td></td>
<td>+1 973 404 2600</td>
</tr>
</tbody>
</table>

| **Emergency telephone number (Medical)** | 1-800-338-6167 |
| **Emergency telephone number (Transport)** | 1-800-424-9300 (U.S. & Canada) CHEMTREC |
| | Outside U.S. and Canada (North America), call Chemtrec:703-527-3887 |
| **Website:** | http://www.rbnainfo.com |

**Product use**
Hand Wash

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

| **SDS #** | D8188058 v2.0 |
| **Formulation #:** | 2071-119D (8179169 v1.0) Rose & Cherry Bloom; 2071-120C (8179170 v1.0) Vanilla Orchid Dream; 2071-120A (8179171 v1.0) Soothing Honey & Milk; 2071-119B (8179172 v1.0) Refreshing Citrus Splash |
| **UPC Code / Sizes** | 8.5 oz (251 mL) PET bottle with manual pump. |

2. Hazards identification

**Classification of the substance or mixture**
Not classified

**GHS label elements**

| **Hazard pictograms** | Not applicable. |
| **Signal word** | No signal word. |
| **Hazard statements** | No known significant effects or critical hazards. |
| **Precautionary statements** |
| **General** | Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. |
| **Prevention** | Not applicable. |
| **Response** | Not applicable. |
| **Storage** | Not applicable. |

**Code #**
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**Date of issue**
09/03/2015
2. Hazards identification

Disposal : Not applicable.

Supplemental label elements : None known.

Hazards not otherwise classified : None known.

3. Composition/information on ingredients

Substance/mixture : Mixture

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides</td>
<td>0.1 - 1.0</td>
<td>63449-41-2</td>
</tr>
<tr>
<td>dodecyltrimethylamine oxide</td>
<td>1 - 2.5</td>
<td>1643-20-5</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

**Eye contact**
- Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation**
- Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin contact**
- Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion**
- Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**

**Potential acute health effects**

- **Eye contact** : No known significant effects or critical hazards.
- **Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- **Skin contact** : No known significant effects or critical hazards.
- **Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- **Eye contact** : No specific data.
- **Inhalation** : No specific data.
- **Skin contact** : No specific data.
- **Ingestion** : No specific data.

**Indication of immediate medical attention and special treatment needed, if necessary**

- **Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

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4. First aid measures

Specific treatments : No specific treatment.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

5. Fire-fighting measures

Extinguishing media

| Suitable extinguishing media | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known. |

Specific hazards arising from the chemical

| Hazardous thermal decomposition products | Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides |

Special protective actions for fire-fighters

| Special protective equipment for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| For non-emergency personnel | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. |
| For emergency responders | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

| Small spill | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
6. Accidental release measures

**Large spill**
Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and storage

**Precautions for safe handling**

**Protective measures**
Put on appropriate personal protective equipment (see Section 8).

**Conditions for safe storage, including any incompatibilities**
Storage temperature: 25°C (77°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

**Control**

**Occupational exposure limits**
Not applicable.

**Appropriate engineering controls**
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Environmental exposure controls**
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

**Hygiene measures**
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection**
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection**
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection**
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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8. Exposure controls/personal protection

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

9. Physical and chemical properties

Appearance
Physical state: Liquid. [Transparent Viscous liquid.]
Color:
Red.
Purple.
Tan Gold.
Light Green.

Odor:
Characteristic.
Odor threshold: Not available.
pH:
4.8 to 5.5 [Conc. (% w/w): 100%] (25°C)
Melting point: Not available.
Boiling point: Not available.
Flash point:
Closed cup: >93.3°C (>199.9°F)
Evaporation rate: Not available.
Flammability (solid, gas):
Not available.
Lower and upper explosive (flammable) limits:
Not available.
Vapor pressure:
Not available.
Vapor density:
Not available.
Relative density:
0.98 to 1.04
Solubility:
Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water:
Not available.
Auto-ignition temperature:
Not available.
Decomposition temperature:
Not available.
Viscosity:
Not available.

10. Stability and reactivity

Reactivity:
No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:
The product is stable.
Possibility of hazardous reactions:
Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:
No specific data.
Incompatible materials:
Do not mix with household chemicals.
Hazardous decomposition products:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>quaternary ammonium</td>
<td>LD50 Dermal</td>
<td>rat</td>
<td>1420 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>compounds, benzyl-C8-18-alkyldimethyl, chlorides</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>dodecyldimethylamine oxide</td>
<td>Eyes - Severe irritant</td>
<td>rabbit</td>
<td>-</td>
<td>1 Percent 48 hours</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin - Mild irritant</td>
<td>human</td>
<td>-</td>
<td>3.7 Percent 48 hours</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin - Severe irritant</td>
<td>rabbit</td>
<td>-</td>
<td>2 Percent 24 hours</td>
<td>-</td>
</tr>
<tr>
<td>Lysol FHW *</td>
<td>Skin - Non-irritant to skin.</td>
<td>human</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Conclusion/Summary**

* Skin: Non-irritant to skin. *Information is based on toxicity test result of a similar product.

* Eyes: May cause eye irritation upon direct contact with eyes.

#### Sensitization

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Route of exposure</th>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lysol FHW *</td>
<td>skin</td>
<td>human</td>
<td>Not sensitizing</td>
</tr>
</tbody>
</table>

**Conclusion/Summary**

* Skin: Non-sensitizer to skin. * Information is based on toxicity test result of a similar product.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

### Information on the likely routes of exposure

#### Potential acute health effects

* Eye contact: No known significant effects or critical hazards.

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11. Toxicological information

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: Not available.

Potential delayed effects: Not available.

Long term exposure

Potential immediate effects: Not available.

Potential delayed effects: Not available.

Potential chronic health effects
Not available.

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates
Not available.

12. Ecological information

Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides</td>
<td>Acute LC50 310 µg/l Fresh water</td>
<td>Fish - Lepomis macrochirus</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability

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12. Ecological information

Conclusion/Summary: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Bioaccumulative potential
Not available.

Mobility in soil
Soil/water partition coefficient (KOC): Not available.

Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

Not a DOT controlled material (United States). Not a TDG-controlled material. This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

15. Regulatory information

U.S. Federal regulations: TSCA 8(a) PAIR: 2-benzylideneheptanal; 2-(4-tert-butylbenzyl)propionaldehyde; α-hexylcinnamaldehyde; phenylacetaldehyde
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): Not determined.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed
Clean Air Act Section 602 Class I Substances: Not listed
Clean Air Act Section 602 Class II Substances: Not listed
DEA List I Chemicals (Precursor Chemicals): Not listed
DEA List II Chemicals (Essential Chemicals): Not listed

Code #: D8188058  SDS #: D8188058 v2.0  Date of issue: 09/03/2015.
15. Regulatory information

SARA 302/304
Composition/information on ingredients
No products were found.

SARA 304 RQ : Not applicable.
SARA 311/312
Classification : Not applicable.

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Fire hazard</th>
<th>Sudden release of pressure</th>
<th>Reactive</th>
<th>Immediate (acute) health hazard</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
</table>

State regulations
Massachusetts : The following components are listed: GLYCERINE MIST
New York : None of the components are listed.
New Jersey : The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL
Pennsylvania : The following components are listed: 1,2,3-PROPANETRIOL

Label elements
Precautionary measures : For external use only
Avoid contact with eyes.
Keep out of reach of children.

16. Other information

Hazardous Material Information System (U.S.A.)

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.
The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)
16. Other information

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Key to abbreviations : ATE = Acute Toxicity Estimate
          BCF = Bioconcentration Factor
          GHS = Globally Harmonized System of Classification and Labelling of Chemicals
          IATA = International Air Transport Association
          IBC = Intermediate Bulk Container
          IMDG = International Maritime Dangerous Goods
          LogPow = logarithm of the octanol/water partition coefficient
          UN = United Nations

Date of issue : 09/03/2015.
Date of previous issue : 17/10/2014.
Version : 2
Prepared by : Reckitt Benckiser LLC.
              Product Safety Department
              1 Philips Parkway
              Montvale, New Jersey 07646-1810 USA.
              FAX: 201-476-7770

Revision comments : Update as per US GHS.

Notice to reader

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.

RB is a member of the CSPA Product Care Product Stewardship Program.