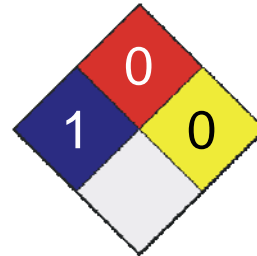


## 1. Product and Company Identification

**Product Name** LYSOL® Touch of Foam™ Antibacterial Hand wash, All Scents  
**CAS #** Mixture  
**Product use** Liquid Hand Soap  
**Distributed by** Reckitt Benckiser  
 Morris Corporate Center IV  
 399 Interpace Parkway  
 P.O. Box 225  
 Parsippany, NJ 07054-0225  
 In Case of Emergency: 1-800-338-6167  
 Transportation Emergencies: 24 Hour Number:  
 North America: CHEMTREC: 1-800-424-9300  
 Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	A



## 2. Hazards Identification

### Emergency overview

This product is regulated by the US FDA as an over-the-counter, monograph drug.  
 Warnings: For external use only.  
 When using this product: Avoid contact with eyes. In case of eye contact, flush with water.  
 Stop use and ask a doctor if irritation or redness develops.  
 If swallowed, get medical help or contact a Poison Control Center right away.

KEEP OUT OF REACH OF CHILDREN.

### Potential short term health effects

#### Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

#### Eyes

None expected during normal conditions of use.  
May cause eye irritation upon direct contact with the eyes.

#### Skin

None expected during normal conditions of use.  
Not expected to be a skin sensitizer.

#### Inhalation

None expected during normal conditions of use.

#### Ingestion

Health injuries are not known or expected under normal use.

### Target organs

Eyes. Respiratory system. Skin.

### Chronic effects

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

### Signs and symptoms

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

### OSHA Regulatory Status

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### Potential environmental effects

See section 12.

## 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
1-Dodecanamine, N,N-dimethyl-,N-oxide	1643-20-5	1 - 2.5
Glycerin	56-81-5	1 - 2.5
Alkyl benzyl dimethyl ammonium chloride	68424-85-1	0.1 - 1

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	Avoid contact with eyes. In case of eye contact, flush with water. Get medical attention immediately.
<b>Skin contact</b>	Stop use and ask a doctor if irritation or redness develops.
<b>Inhalation</b>	Move exposed person to fresh air. Get medical attention immediately.
<b>Ingestion</b>	If swallowed, get medical help or contact a poison control center right away. Wash out mouth with water.

### Notes to physician

Treat patient symptomatically.

### 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. Keep out of reach of children.

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## 5. Fire Fighting Measures

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### 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. Oxides of nitrogen.

### Explosion data

**Sensitivity to mechanical impact** Not available

**Sensitivity to static discharge** Not available

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## 6. Accidental Release Measures

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### Personal precautions

Ensure adequate ventilation.  
Avoid contact with eyes. Avoid inhalation of vapors or mists.

### Environmental precautions

Do not discharge into lakes, streams, ponds or public waters. Inform the relevant authorities if the product has caused environmental pollution.

### Methods for containment

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. Use appropriate containment to avoid environmental contamination.

### 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 to original containers for re-use.

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## 7. Handling and Storage

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### Handling

Use according to package label instructions.  
Avoid contact with eyes.  
Do not ingest.  
For external use only.

### Storage

Store in original container in a cool, secure area inaccessible to children and pets.  
Store at room temperature (68-77°F)(20-25°C).  
Keep container protected from direct sunlight, in a dry, cool, well ventilated area, and away from food and drink.  
Store in a tightly closed container.

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## 8. Exposure Controls / Personal Protection

### Exposure limits

Ingredient(s)	Exposure Limits
1-Dodecanamine, N,N-dimethyl-,N-oxide	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Alkyl benzyl dimethyl ammonium chloride	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Glycerin	<b>ACGIH-TLV</b> TWA: 10 mg/m <sup>3</sup> <b>OSHA-PEL</b> TWA: 15 mg/m <sup>3</sup>

<b>Engineering controls</b>	General ventilation normally adequate.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Avoid contact with eyes. If splashes are likely to occur, wear: Safety glasses with side-shields.
<b>Hand protection</b>	No special requirements under normal use conditions.
<b>Skin and body protection</b>	Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow label directions carefully.
<b>Respiratory protection</b>	Not normally required under normal use conditions.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Color</b>	Red. Purple. Blue.
<b>Form</b>	Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Liquid
<b>pH</b>	4.8 - 5.5
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Pour point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	> 199.94 °F (> 93.3 °C)
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	0.98 - 1.04
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H<sub>2</sub>O)</b>	Complete

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals. Excessive heat. Exposure to moisture. Keep from freezing.
<b>Incompatible materials</b>	Do not mix with anything but water.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

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## 11. Toxicological Information

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### Component analysis - LC50

Ingredient(s)	LC50
1-Dodecanamine, N,N-dimethyl-,N-oxide	Not available
Alkyl benzyl dimethyl ammonium chloride	Not available
Glycerin	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
1-Dodecanamine, N,N-dimethyl-,N-oxide	2700 mg/kg mouse
Alkyl benzyl dimethyl ammonium chloride	426 mg/kg rat
Glycerin	Not available

### Effects of acute exposure

**Eye** None expected during normal conditions of use.  
May cause eye irritation upon direct contact with the eyes.

**Skin** None expected during normal conditions of use.  
Not expected to be a skin sensitizer.

**Inhalation** None expected during normal conditions of use.

**Ingestion** Health injuries are not known or expected under normal use.

**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.

**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.

**Name of Toxicologically Synergistic Products** Not available

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## 12. Ecological Information

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<b>Ecotoxicity</b>	See below
<b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b>	
Glycerin	56-81-5 96 Hr LC50 Oncorhynchus mykiss: 51 - 57 mL/L [static]
<b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>	
Glycerin	56-81-5 24 Hr EC50 Daphnia magna: >500 mg/L
<b>Persistence / degradability</b>	Not available
<b>Bioaccumulation / accumulation</b>	Not available
<b>Mobility in environmental media</b>	Not available
<b>Environmental effects</b>	Not available
<b>Aquatic toxicity</b>	Not available
<b>Partition coefficient</b>	Not available
<b>Chemical fate information</b>	Not available

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## 13. Disposal Considerations

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<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations. Do not reuse container. Hand soap system packaging and refill bottle are recyclable.
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

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## 14. Transport Information

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**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

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## 15. Regulatory Information

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### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

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 FDA

All components of this product are either on the TSCA Inventory, or are exempt from TSCA Inventory.

### CERCLA (Superfund) reportable quantity

Formic acid: 5000.0000

### 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 See below

#### U.S. - Massachusetts - Right To Know List

Glycerin 56-81-5 Present (mist)

#### U.S. - Minnesota - Hazardous Substance List

Glycerin 56-81-5 Present (mist)

#### U.S. - New Jersey - Right to Know Hazardous Substance List

Glycerin 56-81-5 sn 3319

#### U.S. - Pennsylvania - RTK (Right to Know) List

Glycerin 56-81-5 Present

#### U.S. - Rhode Island - Hazardous Substance List

Glycerin 56-81-5 Toxic; Flammable

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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## 16. Other Information

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<b>Disclaimer</b>	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.
<b>Further information</b>	LYSOL® Touch of Foam™ Antibacterial Hand wash - Rose & Cherry in Bloom, 8.5 fl oz./ 11 fl oz./ 25 fl oz. - 0379251v1.0  LYSOL® Touch of Foam™ Antibacterial Hand wash - Creamy Vanilla Orchid, 8.5 fl oz/ 11 fl oz./ 25 fl oz. - 0379252v1.0  LYSOL® Touch of Foam™ Antibacterial Hand wash - Wild Berry Bliss, 8.5 fl oz. - 0370329v1.0
<b>Issue date</b>	23-Jul-2012
<b>Effective date</b>	15-Jul-2012
<b>Prepared by</b>	Reckitt Benckiser Regulatory Department 800-333-3899
<b>Other information</b>	For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.