

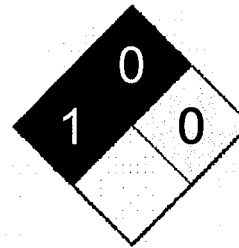
1. Product and Company Identification

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

Antibacterial kills
 Germs Super size
 Refill Hand Liquid Soap
 By: Reckitt Benckiser

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

Health	/	1
Flammability		0
Reactivity		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.

Potential short term health effects KEEP OUT OF REACH OF CHILDREN.

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

4. First Aid Measures

First aid procedures

Eye contact	Avoid contact with eyes. In case of eye contact, flush with water. Get medical attention immediately.
Skin contact	Stop use and ask a doctor if irritation or redness develops.
Inhalation	Move exposed person to fresh air. Get medical attention immediately.
Ingestion	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.

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. Oxides of nitrogen.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

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.

7. Handling and Storage

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.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
1-Dodecanamine, N,N-dimethyl-,N-oxide	ACGIH-TLV Not established OSHA-PEL Not established
Alkyl benzyl dimethyl ammonium chloride	ACGIH-TLV Not established OSHA-PEL Not established
Glycerin	ACGIH-TLV TWA: 10 mg/m3 OSHA-PEL TWA: 15 mg/m3

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

Avoid contact with eyes.
 If splashes are likely to occur, wear:
 Safety glasses with side-shields.

Hand protection

No special requirements under normal use conditions.

Skin and body protection

Usual safety precautions while handling the product will provide adequate protection against injury or irritation.
 Follow label directions carefully.

Respiratory protection

Not normally required under normal use conditions.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance	Liquid
Color	Red. Purple. Blue.
Form	Liquid
Odor	Characteristic
Odor threshold	Not available
Physical state	Liquid
pH	4.8 - 5.5
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	> 199.94 °F (> 93.3 °C)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	0.98 - 1.04
Octanol/water coefficient	Not available
Solubility (H2O)	Complete

10. Stability and Reactivity

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

11. Toxicological Information

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

12. Ecological Information

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

13. Disposal Considerations

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

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

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)

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

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

Issue date

23-Jul-2012

Effective date

15-Jul-2012

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.