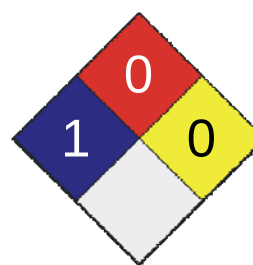


1. Product and Company Identification

Product Name	LYSOL® HEALTHY TOUCH™ Antibacterial Hand Wash, All Scents
UPC CODES	Refer to Section 16
CAS #	Mixture
Product use	For hand washing to decrease bacteria on the skin.
Manufacturer	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

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	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. 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. Kidney. 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.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
1-Dodecanamine, N,N-dimethyl-,N-oxide	1643-20-5	1 - 2.5
1-Hexadecanaminium, N,N,N-trimethyl-, chloride	112-02-7	1 - 2.5
Dodecanamide, N,N-bis(2-hydroxyethyl)-	120-40-1	1 - 2.5
Glycerol	56-81-5	1 - 2.5
Benzethonium Chloride	121-54-0	0.1 - 1

4. First Aid Measures

First aid procedures

Eye contact	In case of eye contact, flush with water.
Skin contact	Product intended to be used on skin. Wash skin with water. If skin irritation persists, call a physician.
Inhalation	Move to fresh air.
Ingestion	If swallowed, get medical help or contact a poison control centre right away.
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.
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	Use according to package label instructions. Avoid contact with eyes. For external use only.
Storage	Store at room temperature in the original container. Keep out of reach of children.

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
1-Hexadecanaminium, N,N,N-trimethyl-, chloride	ACGIH-TLV Not established OSHA-PEL Not established
Benzethonium Chloride	ACGIH-TLV Not established OSHA-PEL Not established
Dodecanamide, N,N-bis(2-hydroxyethyl)-	ACGIH-TLV Skin: 0.46 ppm OSHA-PEL Not established
Glycerol	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: Wear safety glasses with side shields.
Hand protection	No special requirements under normal use conditions.
Skin and body protection	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	aqueous solution
Color	Blue. / Green, Green / Yellow
Form	Liquid
Odor	Characteristic
Odor threshold	Not available
Physical state	Liquid
pH	4.3 - 5.0
Freezing point	Not available
Pour point	Not available
Boiling point	Not available
Flash point	> 199.94 °F (> 93.3 °C)
Evaporation rate	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
Auto-ignition temperature	Not available
Viscosity	Viscous

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals. Excessive heat.
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.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
1-Dodecanamine, N,N-dimethyl-,N-oxide	Not available
1-Hexadecanaminium, N,N,N-trimethyl-, chloride	Not available
Benzethonium Chloride	Not available
Dodecanamide, N,N-bis(2-hydroxyethyl)-	Not available
Glycerol	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
1-Dodecanamine, N,N-dimethyl-,N-oxide	2700 mg/kg mouse
1-Hexadecanaminium, N,N,N-trimethyl-, chloride	475 mg/kg rat
Benzethonium Chloride	368 mg/kg rat
Dodecanamide, N,N-bis(2-hydroxyethyl)-	2700 mg/kg rat
Glycerol	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.
Synergistic Materials	Not available

12. Ecological Information

Ecotoxicity	See below	
Ecotoxicity - Freshwater Fish Species Data		
Glycerol	56-81-5	96 Hr LC50 Oncorhynchus mykiss: 51-57 ml/L [static]
Ecotoxicity - Microtox Data		
1-Hexadecanaminium, N,N,N-trimethyl-, chloride	112-02-7	5 Min EC50 Photobacterium phosphoreum: 1.35 mg/L; 10 min EC50 Photobacterium phosphoreum: 0.98 mg/L; 15 min EC50 Photobacterium phosphoreum: 0.86 mg/L
Ecotoxicity - Water Flea Data		
Glycerol	56-81-5	24 Hr EC50 Daphnia magna: >500 mg/L
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. Hand soap system packaging and refill bottle are recyclable.
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 NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

Product Registration: Registered with FDA

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations Not available

U.S. - Massachusetts - Right To Know List

Glycerol 56-81-5 Present (mist)

U.S. - Minnesota - Hazardous Substance List

Glycerol 56-81-5 Present (mist)

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

Glycerol 56-81-5 sn 3319

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

Glycerol 56-81-5 Present

U.S. - Rhode Island - Hazardous Substance List

Glycerol 56-81-5 Toxic; Flammable

Inventory status

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

0-190652-9 - LYSOL® HEALTHY TOUCH™ Hand Soap - Refill Cleansing Green Tea & Ginger - 8.5 oz. - 0231422

0-190652-6 - LYSOL® HEALTHY TOUCH™ Hand Soap - Refill Refreshing Grapefruit Essence - 8.5 oz. - 0231423

0-190622-8 - LYSOL® HEALTHY TOUCH™ Hand Soap - Refill Soothing Cucumber Splash - 8.5 oz. - 0231421

0-190652-9 - LYSOL® HEALTHY TOUCH™ Hand Soap - System Cleansing Green Tea & Ginger - 8.5 oz. - 0231422

0-190612-1 - LYSOL® HEALTHY TOUCH™ Hand Soap - System Soothing Cucumber Splash - System - 0231421

Issue date

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Effective date

01-Feb-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.