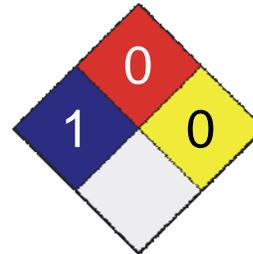


1. Product and Company Identification

Product Name LYSOL® Foam Antibacterial Handwash, All Scents
CAS # Mixture
Product Use Liquid Hand Soap
Distributed by Reckitt Benckiser (Canada) Inc.
 1680 Tech Avenue Unit #2
 Mississauga, ON L4W 5S9
 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 Health Canada as a personal care cosmetic. Extensive testing has been completed to show that it is safe and effective when used as directed. Warnings: For external use only. Avoid contact with the eyes. If contact occurs, flush eyes with water. Discontinue use and consult a healthcare practitioner if irritation 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.

Potential environmental effects

See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	0.1 - 1
Lauryldimethylamine oxide	1643-20-5	1 - 5
Glycerin	56-81-5	1 - 5

4. First Aid Measures

First aid procedures

Eye contact

Avoid contact with eyes. Remove any contact lenses and flush eyes with water. Get medical attention immediately.

Skin contact

Discontinue use and consult a healthcare practitioner if irritation develops.

Inhalation	Move exposed person to fresh air. Get medical attention immediately.
Ingestion	If swallowed, get medical help or contact a poison control centre 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 WHMIS 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 in 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 limit values	Exposure limit values
Ingredient(s)	Exposure limit values
Glycerin	ACGIH-TLV TWA: 10 mg/m ³
Lauryldimethylamine oxide	ACGIH-TLV Not established
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	ACGIH-TLV Not established

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
Colour	Red. purple. Blue.
Form	Liquid
Odour	Characteristic
Odour 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	> 93.3°C (> 199.94°F)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour 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 polymerisation 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
Glycerin	Not available
Lauryldimethylamine oxide	Not available
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Glycerin	Not available
Lauryldimethylamine oxide	2700 mg/kg mouse
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	426 mg/kg rat
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.
Sensitisation	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 and 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	
Other adverse effects	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	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

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Product Registration: Registered with TPD, DIN 02389231

All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Canada - WHMIS - Ingredient Disclosure List

Lauryldimethylamine oxide 1643-20-5 1 %

WHMIS classification Exempt - Registered product - (DIN 02389231)

Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

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® Foam Antibacterial Handwash - Rose & Cherry in Bloom, 251mL/739mL - 0379252v1.0

LYSOL® Foam Antibacterial Handwash - Wild Berry Bliss, 251 mL - 0370329v1.0

LYSOL® Foam Antibacterial Handwash - Creamy Vanilla Orchid, 251mL/739mL - 0379251v1.0

Issue date 19-Jul-2012

Effective Date 15-Jul-2012

Expiry Date 15-Jul-2015

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.