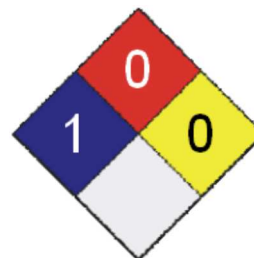


1. Product and Company Identification

Product Name	Lysol® Antibacterial Hand Soap No-Touch™ Kitchen System, All Scents
CAS #	Mixture
Product Use	Hand Dish Detergent
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. When using this product: Avoid contact with eyes. In case of eye contact, flush eyes 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.
Potential environmental effects	See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	0.1 - 1
Lauryldimethylamine oxide	1643-20-5	1 - 5
Cocamidopropyl betaine	61789-40-0	1 - 5
Sodium Laureth Sulfate	68585-34-2	10 - 30

4. First Aid Measures

First aid procedures

Eye contact	In case of eye contact, flush eyes with water. Stop use and ask a doctor if irritation and redness develops.
Skin contact	Stop use and ask a doctor if irritation or redness develops.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
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 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.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
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 in original container in a cool, secure area inaccessible to children and pets. Room temperature - normal conditions.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
Amides, coco, N,N-bis(hydroxyethyl)	ACGIH-TLV Not established
Cocamidopropyl betaine	ACGIH-TLV Not established
Lauryldimethylamine oxide	ACGIH-TLV Not established
Sodium Laureth Sulfate	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	Opaque. Liquid
Colour	Orange. Yellow. Blue.
Form	Liquid
Odour	Characteristic
Odour threshold	Not available
Physical state	Liquid
pH	7.00
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	1.033
Octanol/water coefficient	Not available
Solubility (H ₂ O)	Complete
Viscosity	900 - 2200 cps

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.
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
Amides, coco, N,N-bis(hydroxyethyl)	Not available
Cocamidopropyl betaine	Not available
Lauryldimethylamine oxide	Not available
Sodium Laureth Sulfate	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Amides, coco, N,N-bis(hydroxyethyl)	2700 mg/kg rat
Cocamidopropyl betaine	2700 mg/kg rat
Lauryldimethylamine oxide	2700 mg/kg mouse
Sodium Laureth Sulfate	1700 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.

IARC - Group 2B (Possibly Carcinogenic to Humans)

Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	Monograph 101 [in preparation]
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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 Algae - Acute Toxicity Data		
Cocamidopropyl betaine	61789-40-0	72 Hr EC50 Desmodesmus subspicatus: 1.0 - 10.0 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 0.55 mg/L
Ecotoxicity - Freshwater Fish - Acute Toxicity Data		
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	96 Hr LC50 Brachydanio rerio: 3.6 mg/L [semi-static]
Cocamidopropyl betaine	61789-40-0	96 Hr LC50 Brachydanio rerio: 1.0-10.0 mg/L; 96 Hr LC50 Brachydanio rerio: 2 mg/L [semi-static]
Ecotoxicity - Water Flea - Acute Toxicity Data		
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	24 Hr EC50 Daphnia magna: 4.2 mg/L
Cocamidopropyl betaine	61789-40-0	48 Hr EC50 Daphnia magna: 6.5 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. Hand soap system packaging and refill bottle are recyclable.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

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: Notified cosmetic

Canada - WHMIS - Ingredient Disclosure List

Lauryldimethylamine oxide	1643-20-5	1 %
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WHMIS classification Exempt - Notified cosmetic under the Food & Drugs Act

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® Antibacterial Hand Soap No-Touch™ Kitchen System - 8.5 fl oz. (251 mL) - Shimmering Berry - 0339030 v1.0

Lysol® Antibacterial Hand Soap No-Touch™ Kitchen System - 8.5 fl oz. (251 mL) - Sunkissed Lemon - 0339029 v1.0

Lysol® Antibacterial Hand Soap No-Touch™ Kitchen System - 8.5 fl oz. (251 mL) - Sparkling Tangerine - 0339028 v1.0

Issue date 15-Feb-2012

Effective Date 15-Feb-2012

Expiry Date 15-Feb-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.