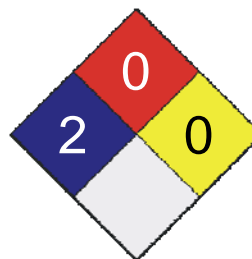


1. Product and Company Identification

Product Name LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents
UPC CODES Refer to Section 16
CAS # Mixture
Product Use Cleaner
Distributed by Reckitt Benckiser (Canada) Inc.
 1680 Tech Avenue Unit #2
 Mississauga, ON L4W 5S9
 In Case of Emergency: 1-800-888-0192
 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	/ 2
Flammability	0
Physical Hazard	0
Personal Protection	B



2. Hazards Identification

Emergency Overview

This product is regulated by Health Canada as a disinfectant. Extensive testing has been completed to show that it is safe and effective when used as directed.

CAUTION
 MAY IRRITATE EYES. DO NOT get in eyes. Wash thoroughly with soap and water after handling.

Keep out of reach of children.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

Eyes

Causes moderate eye irritation. Avoid eye contact.

Skin

May be irritating to sensitive skin or in the case of prolonged contact with the liquid. 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

Skin. Eyes.

Chronic effects

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

Signs and symptoms

Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Ethanol	64-17-5	0.1 - 1
N-alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride	68424-85-1	0.5 - 1.5
Alcohols, C12-16, ethoxylated	68551-12-2	1 - 5

4. First Aid Measures

First aid procedures

Eye contact	If in eyes, IMMEDIATELY flush eyes thoroughly with water. Remove any contact lenses and continue to flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
Skin contact	If on skin, wash area with plenty of soap and water. Get medical attention if irritation develops.
Inhalation	Move to fresh air.
Ingestion	If swallowed, DO NOT induce vomiting, drink promptly a large quantity of water to dilute product. Get medical attention.

Notes to physician

Symptoms may be delayed. Treat patient symptomatically.

General advice

Avoid contact with eyes and skin. Keep out of reach of children. Immediate medical attention is required. 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. If you feel unwell, seek medical advice (show the label where possible). Take container, label or product name and registration number with you when seeking medical attention.

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	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
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	CAUTION Causes moderate eye irritation. Avoid contact with eyes. If you have sensitive skin wear rubber gloves. Use good industrial hygiene practices in handling this material.
Storage	Store in original container out of reach of small children. Keep securely closed in a cool, well ventilated area. Do not reuse empty container. Rinse and discard or recycle. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
Alcohols, C12-16, ethoxylated	ACGIH-TLV Not established
Ethanol	ACGIH-TLV TWA: 1000 ppm STEL: 1000 ppm
N-alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride	ACGIH-TLV Not established

Engineering controls

Provide adequate ventilation. General ventilation normally adequate.

Personal protective equipment

Eye/Face protection

Safety glasses recommended.
Emergency responders should wear full eye and face protection.

Hand protection

Impervious gloves. Confirm with reputable supplier first.
Emergency responders should wear impermeable gloves.

Skin and body protection

As required by employer code.
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

Respiratory protection

No special requirements under normal use conditions.
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Clear.
Colour	Variable
Form	Liquid
Odour	Characteristic
Odour threshold	Not available
Physical state	Liquid
pH	8.5 - 9.5
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Flash point	> 93.3 °C (> 199.94 °F) Tagliabue
Evaporation Rate	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	1.19 (Water = 1)
Octanol/water coefficient	Not available
Solubility (H ₂ O)	Complete
Auto-ignition temperature	Not available

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
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Conditions to avoid	DO NOT MIX WITH BLEACH or use in conjunction with other household products. Exposure to moisture. Excessive heat.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Alcohols, C12-16, ethoxylated	Not available
Ethanol	31623 ppm rat
N-alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Alcohols, C12-16, ethoxylated	1380 mg/kg rat
Ethanol	3450 mg/kg mouse; 7060 mg/kg rat
N-alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride	426 mg/kg rat

Effects of acute exposure

Eye	Causes moderate eye irritation. Avoid eye contact.
Skin	May be irritating to sensitive skin or in the case of prolonged contact with the liquid. 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.
ACGIH - Threshold Limit Values - Carcinogens	
Ethanol	64-17-5 A3 - Confirmed animal carcinogen with unknown relevance to humans.
IARC - Group 1 (Carcinogenic to Humans)	
Ethanol	64-17-5 Monograph 96 [in preparation] (in alcoholic beverages)
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	
Ethanol	64-17-5 96 Hr LC50 Oncorhynchus mykiss: 12.0-16.0 ml/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400-15100 mg/L [flow-through]
Ecotoxicity - Water Flea Data	
Ethanol	64-17-5 48 Hr LC50 Daphnia magna: 9268 - 14221 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L; 48 Hr EC50 Daphnia magna: 2 mg/L [Static]
Environmental effects	Not available
Aquatic toxicity	Not available
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Dispose in accordance with all applicable regulations.
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 02245935

Canada - WHMIS - Ingredient Disclosure List

Ethanol 64-17-5 0.1 %

WHMIS classification Exempt - Registered product - (DIN 02245935)

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

59631-78909-9 - LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents - 1.2L - Lemon - 0150144

59631-78906-8 - LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents - 800mL - Lemon - 0150144

59631-78910-5 - LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents - 1.2L - Orange - 0170876

59631-78907-5 - LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents - 800 mL - Orange - 0170876

59631-80962-9- LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents - 1.2L - Spring Waterfall - 0170770

59631-80961-2- LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Multi-Surface Cleaner Complete Clean (Pourable), All Scents - 800 mL - Spring Waterfall - 0170770

Issue date 28-May-2010
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Expiry Date 31-May-2013
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.