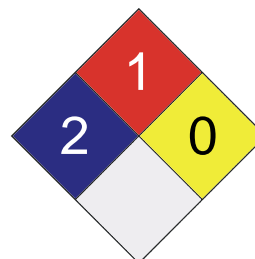


1. Product and Company Identification

Product Name	Lysol Brand II (Kills 99.9% of Viruses & Bacteria) Bathroom Cleaner Complete Clean (Aerosol), All Scents
UPC CODES	Refer to section 16
CAS #	Mixture
Product Use	Bathroom 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	1
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

EXPLOSIVE.

EYE IRRITANT.

Avoid contact with eyes, skin and food.

DO NOT mix with other chemicals.

Contents under pressure.

DO NOT place in hot water or near radiators, stoves or other sources of heat.

DO NOT puncture or incinerate container, even when empty, or store at temperatures over 50°C.

Keep out of reach of children.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

Eyes

Eye irritant.

Skin

Avoid skin contact.

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. Respiratory system.

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
Octyl Decyl Dimethyl Ammonium Chloride	Not Available	0 - 0.1
Dioctyl Dimethyl Ammonium Chloride	Not Available	0 - 0.1
Didecyl Dimethyl Ammonium Chloride	Not Available	0 - 0.1
Tetrasodium ethylenediamine tetraacetate	64-02-8	3 - 7
Diethylene glycol monobutyl ether	112-34-5	3 - 7
Isobutane	75-28-5	5 - 10

4. First Aid Measures

First aid procedures

Eye contact	If in eyes, immediately flush eyes with water. Remove any contact lenses and continue flushing for at least 15 minutes. Call physician if irritation persists.
Skin contact	If on skin, wash thoroughly with soap and water.
Inhalation	Move to fresh air.
Ingestion	If swallowed, drink large quantities of milk or water. Call a physician or a Poison Control Centre immediately.
Notes to physician	Symptoms may be delayed. Treat patient symptomatically.
General advice	Do not puncture or incinerate container. 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. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties	Aerosol flame extension less than 18 inches (45 cm).
Extinguishing media	
Suitable extinguishing media	Water spray. Foam. Dry chemical. Carbon dioxide.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.
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	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite. Wipe up with absorbent material (e.g. cloth, fleece).

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Storage	Always replace cap after use. Do not contaminate water, food or feed by use or storage. Store in original container in areas inaccessible to small children. Do not use or store near heat or open flame. Do not reuse container. Exposure to temperatures above 120°F or in sun or discarding can in fire or incinerator may cause bursting. 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
Didecyl Dimethyl Ammonium Chloride	ACGIH-TLV Not established
Diethylene glycol monobutyl ether	ACGIH-TLV Not established
Dioctyl Dimethyl Ammonium Chloride	ACGIH-TLV Not established
Isobutane	ACGIH-TLV TWA: 1000 ppm
Octyl Decyl Dimethyl Ammonium Chloride	ACGIH-TLV Not established
Tetrasodium ethylenediamine tetraacetate	ACGIH-TLV Not established
Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Safety goggles or glasses. Emergency responders should wear full eye and face protection.
Hand protection	Wear impervious gloves where the potential for contact with the liquid is possible. Emergency responders should wear impermeable gloves.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. 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	Foamy Spray
Colour	White.
Form	Spray
Odour	Various
Odour threshold	Not available
Physical state	Liquid
pH	12.5 - 13.5

Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Flash point	> 93.33 °C (> 200 °F) TCC
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	1.025 - 1.035 @ 25°C
Octanol/water coefficient	Not available
Solubility (H2O)	Complete
Auto-ignition temperature	Not available
VOC (Weight %)	Not available
Viscosity	Not available
Percent volatile	Not available

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Aerosol containers are unstable at temperatures above 49°C (120.2°F). DO NOT MIX WITH BLEACH or use in conjunction with other household products. Excessive heat.
Incompatible materials	Oxidizers. Acids.
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
Didecyl Dimethyl Ammonium Chloride	Not available
Diethylene glycol monobutyl ether	Not available
Dioctyl Dimethyl Ammonium Chloride	Not available
Isobutane	658 mg/l/4h rat
Octyl Decyl Dimethyl Ammonium Chloride	Not available
Tetrasodium ethylenediamine tetraacetate	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Didecyl Dimethyl Ammonium Chloride	Not available
Diethylene glycol monobutyl ether	2000 mg/kg guinea pig; 3384 mg/kg rat; 2200 mg/kg rabbit
Dioctyl Dimethyl Ammonium Chloride	Not available
Isobutane	Not available
Octyl Decyl Dimethyl Ammonium Chloride	Not available
Tetrasodium ethylenediamine tetraacetate	2000 mg/kg rat

Effects of acute exposure

Eye	Eye irritant.
Skin	Avoid skin contact. 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.
Synergistic Materials	Not available

12. Ecological Information

Ecotoxicity	Bulk quantities, if spilled, may be toxic to aquatic organisms, fish, birds and mammals. Control and clean up all exterior spills and prevent liquid from entering any streams, rivers, lakes and all other bodies of water.	
Ecotoxicity - Freshwater Algae Data		
Diethylene glycol monobutyl ether	112-34-5	96 Hr EC50 <i>Desmodesmus subspicatus</i> : >100 mg/L
Tetrasodium ethylenediamine tetraacetate	64-02-8	72 Hr EC50 <i>Desmodesmus subspicatus</i> : 1.01 mg/L
Ecotoxicity - Freshwater Fish Species Data		
Diethylene glycol monobutyl ether	112-34-5	96 Hr LC50 <i>Lepomis macrochirus</i> : 1300 mg/L [static]
Tetrasodium ethylenediamine tetraacetate	64-02-8	96 Hr LC50 <i>Lepomis macrochirus</i> : 41 mg/L [static]; 96 Hr LC50 <i>Pimephales promelas</i> : 59.8 mg/L [static]
Ecotoxicity - Water Flea Data		
Diethylene glycol monobutyl ether	112-34-5	24 Hr EC50 <i>Daphnia magna</i> : 2850 mg/L; 48 Hr EC50 <i>Daphnia magna</i> : >100 mg/L
Tetrasodium ethylenediamine tetraacetate	64-02-8	24 Hr EC50 <i>Daphnia magna</i> : 610 mg/L
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	Review federal, state/provincial, and local government requirements prior to disposal. Discard with solid waste. Do not reuse empty container. Replace cap and discard in trash. Do not incinerate or puncture.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

UN 1950, Aerosols, Class 2.1, Re-classed as
Consumer Commodity ORM-D

Transportation of Dangerous Goods (TDG - Canada)

UN 1950, Aerosols, Class 2.1, Re-classed as
Consumer Commodity/ LTD. QTY.

IMDG (Marine Transport)

UN 1950, Aerosols, Class 2.1, Limited Quantity

IATA/ICAO (Air)

UN1950, Aerosols, Flammable, Limited Quantity

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 02270498

Canada - CEPA - High Priority Chemicals as Identified by DSL Categorization

Isobutane 75-28-5 Batch 4, published November 17, 2007

Canada - WHMIS - Ingredient Disclosure List

Diethylene glycol monobutyl ether 112-34-5 1 %

WHMIS classification

Exempt - Registered product - (DIN 02270498)

Inventory Status

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

59631-76342-6 - LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Bathroom Cleaner Complete Clean (Aerosol), All Scents - 680g - Regular Scent Aerosol - 0074422

59631-76343-3 - LYSOL® Brand (Kills 99.9% of Viruses & Bacteria) Bathroom Cleaner Complete Clean (Aerosol), All Scents - 680g - Summer Fresh Aerosol - 0074419

Issue date

04-Jun-2010

Effective Date

01-Jun-2010

Expiry Date

01-Jun-2013

Prepared by

Reckitt Benckiser Regulatory Department 800-333-3899