

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name LYSOL® Disinfecting Wipes (all sizes, all scents)

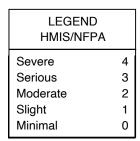
CAS # Mixture
Product Use Disinfectant

Distributed byReckitt Benckiser (Canada) Inc.
1680 Tech Avenue Unit #2

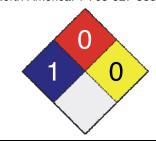
Mississauga, ON L4W 5S9

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







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.

PRECAUTION:

CAUTION

MAY CAUSE EYE IRRITATION. Avoid contact with eyes. Wash hands after use.

Keep out of reach of children.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.

Eyes May cause eye irritation.

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 Blood. Eyes. Liver. Respiratory system. Skin.

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.

Potential environmental effects See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS#	Percent
Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides	Not Applicable	0.1 - 1
Ethanol	64-17-5	1 - 5

4. First Aid Measures

First aid procedures

Eye contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact

lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison

control center or doctor for treatment advice.

Skin contact Wash hands thoroughly after handling. If skin irritation persists, call a physician.

Inhalation Move to fresh air.

IngestionRinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center IMMEDIATELY.

Notes to physician Wipes are saturated with a solution containing less than 3% denatured ethyl alcohol.

Keep away from sources of ignition. No smoking. 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.

Follow label directions carefully.

Take container, label or product name and DIN Number with you when seeking medical attention.

5. Fire-fighting Measures

Flammable properties The flashpoint of the liquid within this product is > 93.3°C (200°F) (Tagliabue).

Extinguishing media

General advice

Suitable extinguishing media Treat for surrounding material.

Unsuitable extinguishing media

Protection of firefighters

Specific hazards arising from

the chemical

n Not available

Protective equipment for

firefighers

Firefighters should wear full protective clothing including self contained breathing

apparatus.

Not available

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

Avoid contact with eyes. 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.

Environmental precautions Methods for containment Methods for cleaning up

Do not allow product to enter sewer or waterways.

Do not discharge into lakes, streams, ponds or public waters.

for cleaning up Remove sources of ignition. Never return spills in original containers for re-use.

Other Information Pick up and discard towel.

7. Handling and Storage

Handling Avoid contact with eyes.

Wash hands after handling and before eating.

Use good industrial hygiene practices in handling this material. Food contact surfaces must be rinsed with potable water. Not recommended for polished or bare wood floors.

Not intended for personal hygiene.

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.

Do not store at temperatures above 120°F (49°C).

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#22394 Page 2 of 6 Issue date 29-Feb-2012

·

8. Exposure Controls / Personal Protection

Exposure limit values
Ingredient(s)

Exposure limit values

Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides

Ethanol

ACGIH-TLV
Not established

ACGIH-TLV
TWA: 1000 ppm
STEL: 1000 ppm

Engineering controlsGeneral ventilation normally adequate.

Personal protective equipment

Eye/Face protection Avoid contact with eyes.

Emergency responders should wear full eye and face protection.

Hand protection Wash hands after use.

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 Not normally required 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 Liquid saturated on wipe

Colour clear liquid

Form Pre-moistened towelette.

Odour Various **Odour threshold** Not available Physical state Not available pН 10.5 (liquid) Not available Freezing point **Boiling point** Not available Pour point Not available Not available **Evaporation Rate**

Flash point > 93.33 °C (> 200 °F) (liquid) Tagliabue

Auto-ignition temperature Not available Flammability limits in air, lower, % Not available

by volume

Flammability Limits in Air, Upper, % Not available

by Volume

Vapour pressureNot availableVapour densityNot availableSpecific gravity0.99 (liquid)Octanol/water coefficientNot availableSolubility (H2O)Wipe is not soluble

10. Stability and Reactivity

Hazardous polymerisation does not occur.

Reactivity This product may react with strong oxidizing agents.

Possibility of hazardous reactions

Chemical stability Stable under recommended storage conditions.

#22394 Page 3 of 6 Issue date 29-Feb-2012

Conditions to avoid DO NOT MIX WITH BLEACH or use in conjunction with other household products.

Heat, open flames, static discharge, sparks and other ignition sources.

3450 mg/kg mouse; 7060 mg/kg rat

Incompatible materials Oxidizers.

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	
Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides	Not available	
Ethanol	31623 ppm rat	
Component analysis - Oral LD50		
Ingredient(s)	LD50	
Alkyl (50%C14, 40%C12, 10%C16) dimethyl benzyl ammonium chlorides	426 mg/kg rat	

Effects of acute exposure

Ethanol

Eye May cause eye irritation.

Skin None expected during normal conditions of use.

Not expected to be a skin sensitizer.

Inhalation None expected during normal conditions of use.

IngestionHealth injuries are not known or expected under normal use.SensitisationThe finished product is not expected to have chronic health effects.Chronic effectsThe finished product is not expected to have chronic health effects.CarcinogenicityThe 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.

MutagenicityThe finished product is not expected to have chronic health effects.Reproductive effectsThe finished product is not expected to have chronic health effects.TeratogenicityThe finished product is not expected to have chronic health effects.

Name of Toxicologically Synergistic Not available

Products

12. Ecological Information

EcotoxicityComponents of this product have been identified as having potential environmental

Ecotoxicity - Freshwater Fish - Acute Toxicity 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 - Acute Toxicity 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]

Persistence and degradability Not available Not available Bioaccumulation/accumulation Mobility in environmental media Not available Not available **Environmental effects** Aquatic toxicity Not available Partition coefficient Not available Not available Chemical fate information Not available Other adverse effects

13. Disposal Considerations

Disposal instructions Dispose of wipe in trash after use.

Throw used towelette in the trash. Do not re-use empty container. Rinse and dispose.

Recycle where facilities exist.

Dispose in accordance with all applicable regulations.

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

Not applicable

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

Not applicable **MFAG** Not applicable

EMS

Maximum Quantity

#22394 Page 5 of 6 Issue date 29-Feb-2012 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

On Inventory (Yes/No)*

Controlled Products Regulations.

Product Registration: Registered with TPD, DIN 02359014

Canada - WHMIS - Ingredient Disclosure List

Ethanol 64-17-5 0.1 %

WHMIS classification Exempt - Registered product - (DIN 02359014)

Inventory Status

Country(s) or region Inventory Name

Canada Domestic Substances List (DSL) No

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® Disinfecting Wipes - Citrus 70, 80 ct. - 0314170 v1.0

LYSOL® Disinfecting Wipes - Crisp Linen 35, 70 ct. - 0318913 v1.0

LYSOL® Disinfecting Wipes - Green Apple 35 ct. - 0318901 v1.0

LYSOL® Disinfecting Wipes - Spring Waterfall 35, 70 ct. - 0209440 v2.0

LYSOL® Disinfecting Wipes XL - Citrus 24 ct. - 0314170 v1.0

 Issue date
 29-Feb-2012

 Effective Date
 01-Mar-2012

 Expiry Date
 01-Mar-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.