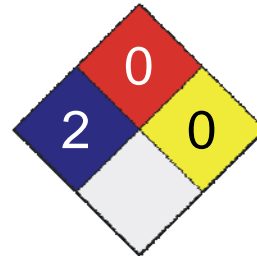


## 1. Product and Company Identification

**Product Name** LYSOL® Brand III All Purpose Cleaner 4 in 1 - Trigger - (All Scents, All Sizes)  
**CAS #** Mixture  
**Product Use** Disinfectant  
**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	/ 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**  
**CAUSES EYE IRRITATION.**  
 Avoid contact with eyes, skin or clothing.  
 Wash thoroughly with soap and water after handling.  
 Do not ingest.

Keep out of reach of children.

### Potential short term health effects

#### Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

#### Eyes

Moderate eye irritation.

#### Skin

None expected under normal 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.  
Do not ingest.

### 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.

### Potential environmental effects

See section 12.

## 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Sulfonic acids, petroleum, sodium salts	68608-26-4	0.5 - 1.5
Alcohols, C9-11, ethoxylated	68439-46-3	0.5 - 1.5
Lactic Acid	79-33-4	1 - 5
Dipropylene glycol monobutyl ether	29911-28-2	1 - 5

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	If in eyes, 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.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, rinse mouth with water (only if the person is conscious). DO NOT INDUCE VOMITING. Call a physician or Poison Control Center IMMEDIATELY.

### 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. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire-fighting Measures

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### 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.

### Explosion data

**Sensitivity to mechanical impact** Not available

**Sensitivity to static discharge** Not available

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## 6. Accidental Release Measures

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### 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.

### 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.

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## 7. Handling and Storage

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### Handling

Ensure adequate ventilation.  
Avoid contact with eyes, skin and clothing.  
Use good industrial hygiene practices in handling this material.  
Wash hands before breaks and immediately after handling the product.  
Do not reuse the empty container.  
Remove and wash contaminated clothing before re-use.

### Storage

Store in a closed container away from incompatible materials.  
Store in original container in areas inaccessible to small children.  
Keep out of reach of children.

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## 8. Exposure Controls / Personal Protection

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### Exposure limit values

Ingredient(s)	Exposure limit values
Alcohols, C9-11, ethoxylated	<b>ACGIH-TLV</b> Not established
Dipropylene glycol monobutyl ether	<b>ACGIH-TLV</b> Mist: 10 mg/m3
Lactic Acid	<b>ACGIH-TLV</b> Not established
Sulfonic acids, petroleum, sodium salts	<b>ACGIH-TLV</b> Not established

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye/Face protection

Wear safety glasses with side shields.  
Emergency responders should wear full eye and face protection.

#### Hand protection

No special requirements under normal use conditions.  
For sensitive skin or prolonged use, wear rubber gloves.  
Emergency responders should wear impermeable gloves.

#### Skin and body protection

As required by employer code.  
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.  
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.

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## 9. Physical and Chemical Properties

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Appearance	Clear
Colour	Yellow Green Orange
Form	aqueous solution
Odour	Floral Fruity Fresh
Odour threshold	Not available
Physical state	Liquid
pH	2.9 - 3.3
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	> 93.33 °C (> 200 °F) Tagliabue
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	1.005 - 1.015
Octanol/water coefficient	Not available
Solubility (H2O)	Complete

## 10. Stability and Reactivity

<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	DO NOT MIX WITH BLEACH or use in conjunction with other household products.
<b>Incompatible materials</b>	Caustics. Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Alcohols, C9-11, ethoxylated	5 mg/l/4h rat
Dipropylene glycol monobutyl ether	Not available
Lactic Acid	Not available
Sulfonic acids, petroleum, sodium salts	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Alcohols, C9-11, ethoxylated	1200 mg/kg rat
Dipropylene glycol monobutyl ether	3700 mg/kg rat
Lactic Acid	1810 mg/kg guinea pig; 3543 mg/kg rat; 4875 mg/kg mouse
Sulfonic acids, petroleum, sodium salts	2000 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	Moderate eye irritation.
<b>Skin</b>	None expected under normal use. Not expected to be a skin sensitizer.
<b>Inhalation</b>	None expected during normal conditions of use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use. Do not ingest.

**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 Algae - Acute Toxicity Data

Lactic Acid 79-33-4 70 Hr EC50 Pseudokirchneriella subcapitata: 3.5 mg/L

### Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Dipropylene glycol monobutyl ether 29911-28-2 96 Hr LC50 Poecilia reticulata: 841 mg/L [static]

Lactic Acid 79-33-4 96 Hr LC50 Brachydanio rerio: 320 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 100-180 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 100-180 mg/L [static]

### Ecotoxicity - Water Flea - Acute Toxicity Data

Lactic Acid 79-33-4 48 Hr EC50 Daphnia magna: 240 mg/L; 48 Hr EC50 Daphnia magna: 180 - 320 mg/L [Static]

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

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### 13. Disposal Considerations

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<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations. Small quantities of waste liquid may be discharged into a sanitary sewer. Discard any absorbed material in trash collection. Rinse empty container thoroughly and discard in trash or recycle.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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### 14. Transport Information

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**UN/ID N.o.** Not applicable

**U.S. Department of Transportation (DOT): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>U.S. DOT Hazard Class</b>	Not applicable
<b>Subsidiary Risk</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>DOT RQ (lbs)</b>	Not applicable
<b>ERG NO</b>	Not applicable

**Transportation of Dangerous Goods (TDG - Canada): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>Status</b>	Not applicable
<b>Packing group</b>	Not applicable

**IMDG (Marine Transport): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>Class</b>	Not applicable
<b>Subsidiary Risk</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>IMDG Page</b>	Not applicable
<b>Marine pollutant</b>	Not applicable
<b>EMS</b>	Not applicable
<b>MFAG</b>	Not applicable
<b>Maximum Quantity</b>	Not applicable

**IATA/ICAO (Air): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>Class</b>	Not applicable
<b>Subsidiary Risk:</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>Maximum Quantity</b>	Not applicable

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## 15. Regulatory Information

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**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 02324105

**WHMIS classification** Exempt - Registered product - (DIN 02324105)

**Inventory Status**

<b>Country(s) or region</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
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)

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## 16. Other Information

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**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® Brand III All Purpose Cleaner 4 in 1 - Trigger - Lemon Breeze - 0305132 v1.0  
 LYSOL® Brand III All Purpose Cleaner 4 in 1 - Trigger - Orange Fresh - 0320084 v2.0  
 LYSOL® Brand III All Purpose Cleaner 4 in 1 - Trigger - Green Apple - 0305133 v1.0

**Issue date** 25-Apr-2012  
**Effective Date** 15-Apr-2012  
**Expiry Date** 15-Apr-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.