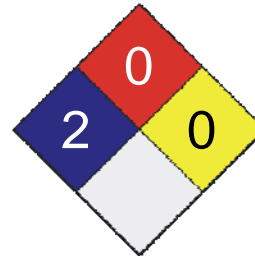


1. Product and Company Identification

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

4. First Aid Measures

First aid procedures

Eye contact	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.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	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.

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.

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.

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

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.

8. Exposure Controls / Personal Protection

Exposure limit values

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

9. Physical and Chemical Properties

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

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 BLEACH or use in conjunction with other household products.
Incompatible materials	Caustics. Acids. Oxidizers.
Hazardous decomposition products	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

Eye	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.

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]

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. 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.
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 02324105

WHMIS classification Exempt - Registered product - (DIN 02324105)

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 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.