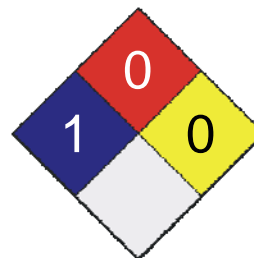


### 1. Product and Company Identification

**Product Name** Lysol® Action Gel - Toilet Bowl Cleaner - 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	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	A



### 2. Hazards Identification

**Emergency Overview** CAUTION  
 MAY IRRITATE EYES AND SKIN. DANGEROUS FUMES FORM WHEN MIXED WITH OTHER PRODUCTS.  
 DO NOT mix with other chemicals. Do not get in eyes, on skin or on clothing. Do not breathe fumes.

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** May cause skin irritation.  
 Avoid skin contact.  
 For sensitive skin or prolonged use, wear rubber gloves.  
 Not expected to be a skin sensitizer.

**Inhalation** None expected during normal conditions of use.

**Ingestion** May be harmful if swallowed.  
 Ingestion could cause irritation of the mouth and throat.

**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
Sodium hydroxide	1310-73-2	0.1 - 1
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	0.1 - 1
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	0.1 - 1
Oxalic acid	6153-56-6	0.1 - 1

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	If in eyes, rinse with water for 15 minutes.
<b>Skin contact</b>	If on skin, rinse well with water.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting.

### Notes to physician

Symptoms may be delayed. 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.

### 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

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Flush with water. Do not allow material to contaminate ground water system. Never return spills in original containers for re-use.

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## 7. Handling and Storage

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### Handling

CAUTION  
MAY IRRITATE EYES AND SKIN. Avoid contact with eyes, skin and clothing. Use this product with adequate ventilation.  
DANGEROUS FUMES FORM WHEN MIXED WITH OTHER PRODUCTS.  
Do not breathe fumes.  
When using do not eat or drink.  
Wash hands before breaks and immediately after handling the product.

### Storage

Store in a cool dry place inaccessible to children and pets.

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## 8. Exposure Controls / Personal Protection

### Exposure limit values

Ingredient(s)	Exposure limit values
Oxalic acid	<b>ACGIH-TLV</b> TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	<b>ACGIH-TLV</b> Not established
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	<b>ACGIH-TLV</b> Not established
Sodium hydroxide	<b>ACGIH-TLV</b> Ceiling: 2 mg/m <sup>3</sup>

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye/Face protection

Avoid contact with eyes.  
If splashing is likely to occur or for occupational exposures, wear appropriate eye protection.  
Emergency responders should wear full eye and face protection.

#### Hand protection

For sensitive skin or prolonged use, wear rubber gloves.  
Emergency responders should wear impermeable gloves.

#### Skin and body protection

Usual safety precautions while handling the product will provide adequate protection against injury or irritation.  
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	Clear.
Colour	Variable
Form	Gel
Odour	Characteristic
Odour threshold	Not available
Physical state	Liquid
pH	4.2
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	> 93.3 °C (> 199.94 °F)
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	1.0

Octanol/water coefficient	Not available
Solubility (H2O)	Complete

## 10. Stability and Reactivity

<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. Excessive heat. Exposure to moisture.
<b>Incompatible materials</b>	Caustics.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Oxalic acid	Not available
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	Not available
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	Not available
Sodium hydroxide	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Oxalic acid	375 mg/kg rat
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	426 mg/kg rat
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	366 mg/kg rat
Sodium hydroxide	Not available

### Effects of acute exposure

<b>Eye</b>	May cause eye irritation.
<b>Skin</b>	May cause skin irritation. Avoid skin contact. For sensitive skin or prolonged use, wear rubber gloves. Not expected to be a skin sensitizer.
<b>Inhalation</b>	None expected during normal conditions of use.
<b>Ingestion</b>	May be harmful if swallowed. Ingestion could cause irritation of the mouth and throat.
<b>Sensitisation</b>	The finished product is not expected to have chronic health effects.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Synergistic Materials</b>	Not available

## 12. Ecological Information

<b>Ecotoxicity</b>	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.
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### Ecotoxicity - Freshwater Fish Species Data

Sodium hydroxide	1310-73-2	96 Hr LC50 Oncorhynchus mykiss: 45.4 mg/L [static]
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<b>Environmental effects</b>	Not available
<b>Aquatic toxicity</b>	Not available

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

### 13. Disposal Considerations

<b>Waste codes</b>	Not available
<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. Large quantities of waste liquid: Contain and collect for evaluation and disposal according to local, state, provincial and federal regulations.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

### 14. Transport Information

<b>UN/ID N.o.</b>	Not applicable
<b>U.S. Department of Transportation (DOT): Classification:</b> 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: Product is compliant with CCCR regulatory guidelines; a specific registration is not required for this product.

**Canada - WHMIS - Ingredient Disclosure List**

Sodium hydroxide	1310-73-2	1 %
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**WHMIS classification**

Exempt - Consumer product

**Inventory Status**

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

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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**

59631-78924-2 - LYSOL® Action Gel - Toilet Bowl Cleaner - Country - 710 mL - 0056045  
 59631-78925-9 - LYSOL® Action Gel - Toilet Bowl Cleaner - Spring Waterfall - 710 mL - 00056059

**Issue date**

09-Aug-2010

<b>Effective Date</b>	01-Aug-2010
<b>Expiry Date</b>	01-Aug-2013
<b>Prepared by</b>	Reckitt Benckiser Regulatory Department 800-333-3899
<b>Other Information</b>	For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.