



# PRODUCT SAFETY DATA SHEET

Print date: 28 Mar 2007

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 0064131 PROFESSIONAL

**Product name:** PROFESSIONAL LYSOL® BRAND FOOD SURFACE SANITIZER (TRIGGER)

**Validation / Revision Date:** 28 March 2007

**EPA Identifier:** EPA Reg. Number: 6836-290-675

**Formula Number:** 1154-055 (0064131)

**UPC Number and Size:** 36241-80028  
40 oz. Trigger.

**Product Description:** A food surface sanitizer spray in a trigger container.

**Manufacturer:** Reckitt Benckiser North America, Inc.  
Morris Corporate Center IV  
399 Interpace Parkway (P.O. Box 225)  
Parsippany, New Jersey 07054-0225

**Emergency telephone number:** 1-800-228-4722 (U.S.)

**Transportation Emergencies:** 1-800-424-9300 (U.S. & Canada) CHEMTREC  
Outside the U.S. and Canada (North America), call: 703-527-3887

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Components:**

DIALKYL DIMETH AMMO CHLOR  
68424-95-3  
BENZALKONIUM CHLORIDE 80%  
68424-85-1  
ETHANOL SDA 40-2 95%  
64-17-5

Wt %	ACGIH:	OSHA:
0-0.01	None	None
0-0.01	None	None
0-0.01	TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m <sup>3</sup> @10

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### CAUTION:

Causes moderate eye irritation.  
Avoid contact with eyes, skin or clothing.  
Wash thoroughly with soap and water after handling.

**KEEP OUT OF REACH OF CHILDREN**

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<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. Call a Poison Control Center or doctor for treatment advice
<b>Ingestion:</b>	Rinse mouth with water. Contact a physician or Poison Control Center if symptoms develop. Never give an unconscious person anything to ingest
<b>Notes to physician:</b>	Treat symptomatically.
<b>Aggravated Medical Conditions:</b>	None known.

### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	<b>CLOSED CUP: Higher than 93.3° C (&gt;200° F). [Tagliabue].</b>
<b>Flammability Limits in Air:</b>	
<b>Lower:</b>	No information available.
<b>Upper:</b>	No information available.
<b>Autoignition temperature:</b>	No information available.
<b>Suitable extinguishing media:</b>	As suitable for surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	No information available.
<b>Specific hazards:</b>	Not applicable.
<b>Unusual hazards:</b>	None known

**Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

**Specific methods:**

Standard procedure for chemical fires.

**NFPA:** Health: 2

**Flammability:** 0

**Instability:** 0

**HMS:** Health: 2

**Flammability:** 0

**Reactivity:** 0

**Key:**

Personal Protection Index = A.  
(Also see Sections 3 & 8)

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Avoid contact with eyes.  
Read and follow container directions.  
For clean-up of a large quantity spill, wear appropriate skin and eye protection.

**Environmental precautions:**

Do not allow material to contaminate ground water system.

**Methods for cleaning up:**

Small spills: Dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container.

Large spills: Contain and collect for later disposal according to local, provincial, state or federal regulations.

## 7. HANDLING AND STORAGE

**Handling:**

None required for normal use according to the label instructions.  
For occupational exposures wear appropriate eye and skin protection where the potential for splashing exists.  
CAUTION: Causes moderate eye irritation.  
Avoid contact with eyes, skin and clothing.

**Storage:**

Store containers in an upright position in a cool, dry area, inaccessible to small children and pets.  
Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container.  
Discard in trash or recycle when empty.  
KEEP OUT OF REACH OF CHILDREN

**Incompatible products:**

None known.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

For occupational exposures, ensure adequate ventilation.

**Personal Protective Equipment**

**Respiratory protection:**

None required under normal use conditions.

**Hand protection:**

None required for normal recommended use.  
Read product label instructions carefully.  
Emergency responders should wear impermeable gloves.

<b>Skin and body protection:</b>	None required under normal recommended use conditions. Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the product that has been dissolved in liquid (such as a fire scene) is possible.
<b>Eye protection:</b>	Emergency responders should wear full eye and face protection. None required under recommended product use. Appropriate eye protection such as: Safety glasses with side shields, chemical goggles or full face shield for occupational exposures.
<b>Hygiene measures:</b>	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

<b>Physical state:</b>	Liquid (Trigger spray container)
<b>Appearance:</b>	Clear liquid.
<b>Colour:</b>	Clear, water white
<b>Odour:</b>	Odorless.
<b>pH:</b>	9.5 - 11.0
<b>Flash point:</b>	Greater than 93° C (>200° F)
<b>Specific gravity:</b>	1.19 (Water = 1.0)
<b>Vapour pressure:</b>	Not determined.
<b>Solubility:</b>	Completely soluble.

### Explosion limits:

- upper:	No data available.
- lower:	No data available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	Hazardous polymerisation does not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon and unknown organic compounds.
<b>Materials to avoid:</b>	Do not mix with other household chemicals.
<b>Conditions to avoid:</b>	Store away from excessive heat and moisture.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Component Information:

#### Product Information

LC50/inhalation/4h/rat =	No information available.
LD50/dermal/rabbit =	No information available.
LD50/oral/rat =	No information available.

#### Local effects

<b>Skin irritation:</b>	None expected during normal conditions of use.
<b>Eye irritation:</b>	Moderate eye irritation

<b>Inhalation</b>	None expected during normal conditions of use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.
<b>Sensitization</b>	Not expected to be a skin sensitiser.
<b>Chronic toxicity:</b>	No information available.

**Specific effects**

<b>Carcinogenic effects:</b>	Not listed as carcinogenic by OSHA, NTP or IARC.
<b>Mutagenic effects:</b>	No information available.
<b>Reproductive toxicity:</b>	No information available.
<b>Target organ effects:</b>	No information available.

Information is based on data on the components and the toxicology of similar products.

**12. ECOLOGICAL INFORMATION**

**Product Information**

<b>Aquatic toxicity:</b>	No information available.
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**Component Information:**

*ETHANOL SDA 40-2 95%  
64-17-5 (0-0.01)*

<b>Ecotoxicity:</b>	= 11200 mg/L LC50 fingerling trout = 12900 mg/L LC50 rainbow trout (30 days old) flow-through = 14200 mg/L LC50 fathead minnow flow-through = 34634 mg/L EC50 Photobacterium phosphoreum = 35470 mg/L EC50 Photobacterium phosphoreum
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**Other information:**

<b>Ozone depletion potential; ODP; (R-11 = 1) =</b>	No information available.
<b>Global warming potential (GWP) =</b>	No information available.

<b><u>Additional ecological information:</u></b>	No information available.
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**13. DISPOSAL CONSIDERATIONS**

<b>Waste from residues / unused products:</b>	Dispose of in accordance with local regulations.
<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 No:</b>	<b>Not applicable</b>
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**DOT:**

<b>Classification:</b>	Not a DOT regulated material. (United States)
<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.

ERG No: Not applicable.

**TDG (Canada):**

Classification: Not regulated under TDG  
Proper shipping name: Not applicable.  
Status: Not applicable.  
Packing Group: Not applicable.  
WHMIS hazard class: Not a WHMIS controlled product.

**IMDG / IMO**

Classification: Not regulated under IMDG  
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: See Guide.

**ADR / RID**

Classification: Not applicable.  
Proper shipping name: Not applicable.  
Class: Not applicable.  
Subsidiary risk: Not applicable.  
Packing Group: Not applicable.  
ADR/RID-labels: Not applicable.  
Hazard Identification Number: Not applicable.  
CEFIC Tremcard No: Not applicable.

**ICAO / IATA:**

Classification: Not regulated under ICAO / IATA  
Proper shipping name: Not applicable.  
Class: Not applicable.  
Subsidiary Risk: Not applicable.  
Packing Group: Not applicable.  
Maximum quantity: Not applicable.

**15. REGULATORY INFORMATION**

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
DIALKYL DIMETH AMMO CHLOR						Present	Present	270-331-5
BENZALKONIUM CHLORIDE 80%						Present	Present	270-325-2
ETHANOL SDA 40-2 95%						Present	Present	200-578-6

**U.S. Regulations:**

**Components:** *DIALKYL DIMETH AMMO CHLOR - 68424-95-3*  
NJRTK: Not Listed.  
California Proposition 65 - None.  
CERCLA/SARA 313: None

**Components:** *BENZALKONIUM CHLORIDE 80% - 68424-85-1*  
NJRTK: Not Listed.  
California Proposition 65 - None.  
CERCLA/SARA 313: None

**Components:** *ETHANOL SDA 40-2 95% - 64-17-5*  
NJRTK: Not Listed.  
California Proposition 65 - None.

Canada

WHMIS hazard class: Not a WHMIS controlled product.

**16. OTHER INFORMATION**

National Fire Protection Association (U.S.A.):



HMIS (U.S.A.):

Health Hazard	2
Fire Hazard	0
Reactivity	0
Personal Protection	A

Reason for revision: This is a new product.

Additional advice: This product should only be used as directed on the label and for the purpose intended.

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