



## PRODUCT SAFETY DATA SHEET

Print date: 05 Apr 2007

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 0024125

**Product name:** LYSOL® BRAND DISINFECTANT ALL PURPOSE CLEANER, LEMON BREEZE™ (DILUTABLE)

**Validation / Revision Date:** 05 April 2007

**EPA Identifier:** EPA Reg. Number: 777-89

**Formula Number:** 887-189B (0024125)

**UPC Number and Size:** 19200-78632 (28 oz.); 19200-75583 (35 oz.); 19200-78626 (40 oz.); 19200-74618 (52 oz.); 19200-79634 (100 oz.).

**Product Description:** All purpose cleaner that provides hospital type disinfection at 1:16 dilution. Deodorizes and removes bad odors leaving a pleasant lemon scent.

**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:**

ALCOHOL ETHOXYLATE 7EO  
68551-12-2  
BENZALKONIUM CHLORIDE 80%  
68424-85-1

Wt %	ACGIH:	OSHA:
2-3	None	None
1-2	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### WARNING:

Causes moderate eye irritation.  
Avoid contact with eyes, skin or clothing.  
Wash thoroughly with soap and water after handling.  
If you have sensitive skin, we recommend you to wear rubber gloves.

#### KEEP OUT OF REACH OF CHILDREN

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air.
<b>Skin contact:</b>	If skin irritation occurs or persists, call a physician. If on skin, wash with plenty of soap and water.
<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>	Contains quaternium ammonium compounds.
<b>Aggravated Medical Conditions:</b>	No information available.

### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	CLOSED CUP: Higher than 93.3° C (>200° F). [Tagliabue].
<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

**HMIS:**      **Health:** 2                      **Flammability:** 0                      **Reactivity:** 0

**Key:**                      Personal Protection Index = B.  
(Also see Sections 3 & 8)

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**                      Ensure adequate ventilation.

**Environmental precautions:**                      Do not allow material to contaminate ground water system.

**Methods for cleaning up:**                      Small amounts:  
Wipe up with absorbent material (e.g. cloth, fleece, paper towel, etc.).

Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

**7. HANDLING AND STORAGE**

**Handling:**                      No special technical protective measures required.

**Safe handling advice:**                      WARNING: Causes moderate eye irritation.  
Avoid contact with eyes.  
Wear personal protective equipment (eyes) if the possibility of splashing material into the eyes exists.  
  
For sensitive skin, wear rubber gloves when handling.

**Storage:**                      KEEP OUT OF REACH OF CHILDREN  
  
Keep container tightly closed.  
Store in a secure, cool location, inaccessible to children and pets  
Do not reuse container.  
Rinse container thoroughly before recycling.

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures to reduce exposure:**                      For occupational exposures, ensure adequate ventilation.

**Personal Protective Equipment**

**Respiratory protection:**                      No special protective equipment required.  
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.

<b>Hand protection:</b>	Impervious gloves.
<b>Skin and body protection:</b>	Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.
<b>Eye protection:</b>	Safety glasses.
<b>Hygiene measures:</b>	Avoid contact with skin, eyes and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Water thin liquid.
<b>Appearance:</b>	Clear liquid.
<b>Colour:</b>	Greenish-yellow. Fluorescent.
<b>Odour:</b>	Citrus. Lemon-lime.
<b>pH:</b>	8.75
<b>Flash point:</b>	Greater than 93° C (>200° F)
<b>Specific gravity:</b>	1.0 @ 25° C (77° F).
<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

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

### Local effects

<b>Skin irritation:</b>	May be irritating to sensitive skin or in the case of prolonged contact with the liquid.
<b>Eye irritation:</b>	Moderate eye irritation Avoid eye contact.
<b>Inhalation</b>	None expected during normal conditions of use.

**Ingestion** Health injuries are not known or expected under normal use.  
See Section 4 for First Aid instructions.

**Sensitization** Not expected to be a skin sensitiser.

**Chronic toxicity:** No information available.

#### Specific effects

**Carcinogenic effects:** Not listed as carcinogenic by OSHA, NTP or IARC.

**Mutagenic effects:** No information available.

**Reproductive toxicity:** No information available.

**Target organ effects:** No information available.

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

## 12. ECOLOGICAL INFORMATION

#### Product Information

**Aquatic toxicity:** No information available.

#### Component Information:

#### Other information:

**Ozone depletion potential; ODP; (R-11 = 1) =** No information available.  
**Global warming potential (GWP) =** No information available.

**Additional ecological information:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Dispose of in accordance with local regulations.

**Contaminated packaging:** Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

**Waste Disposal:** 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.

## 14. TRANSPORT INFORMATION

**UN / Id No:** **Not applicable**

#### DOT:

**Classification:** Not a DOT regulated material. (United States)  
**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.

**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
ALCOHOL ETHOXYLATE 7EO						Present	Present	
BENZALKONIUM CHLORIDE 80%						Present	Present	270-325-2

**U.S. Regulations:**

**Components:** *ALCOHOL ETHOXYLATE 7EO - 68551-12-2*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** None.

**Components:** *BENZALKONIUM CHLORIDE 80% - 68424-85-1*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** 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	B

**Reason for revision:** This is a new formulation of an existing product.

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

**Prepared by:** Reckitt Benckiser (U.S.) Inc.  
Product Safety Department  
1 Philips Parkway  
Montvale, New Jersey 07646-1810 USA.  
Phone: 201-573-6391  
FAX: 201-476-7770.

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