



# PRODUCT SAFETY DATA SHEET

Print date: 21 Feb 2008

## SHIPPING PSDS

Item Number / Product code: 0152097 (1383-023A)

Product name: LYSOL® BRAND DUAL ACTION DISINFECTING WIPES, CITRUS SCENT- (SHIPPING MSDS)

Validation / Revision Date: 19 February 2008

Formula Number: 1383-023A

UPC Number and Size: Not applicable, this is a shipping PSDS, not for external distribution.

Approximately 3000 canisters (each canister contains 28 Wet Wipes 7" x 8" sheets) to be shipped within the U.S. by GROUND.

Product Description: Pre-wetted, disposable non-woven fabric wipe for surface disinfection.

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

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:

ETHANOL SDA 40-2 95%  
64-17-5

BENZALKONIUM CHLORIDE 80%  
68424-85-1

Wt %	ACGIH:	OSHA:
1-3	TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m <sup>3</sup> @10
0-1.0	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**CAUTION:**

May cause eye irritation.  
Avoid contact with eyes.  
Wash hands after use.

**KEEP OUT OF REACH OF CHILDREN**

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air.
<b>Skin contact:</b>	Wash with soap and water after handling.
<b>Eye contact:</b>	If in eyes, IMMEDIATELY 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>	Not a likely route of exposure. Product is a non-woven fabric cloth impregnated with a disinfectant solution for surface cleaning. If wipe is ingested, may cause transient irritation of the throat, stomach and gastrointestinal tract. Large amounts may cause gastrointestinal disturbances including irritation, nausea and diarrhea. If swallowed, call a Poison Control Center or Physician for treatment advice.
<b>Notes to physician:</b>	Wipes are saturated with a solution containing less than 3% denatured ethyl alcohol.
<b>Aggravated Medical Conditions:</b>	No information available.

### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Not applicable. This product is a liquid impregnated non-woven fabric designed for hard surface sanitizing that will burn if exposed to high direct heat or open flame.  The flash point of the expressed liquid that is used to saturate the fabric is 101° F (38.33° C) CC (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>	See Section 3, Hazards Identification.
<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:** 1                      **Flammability:** 1                      **Instability:** 0

**HMIS:**    **Health:** 1                      **Flammability:** 1                      **Reactivity:** 0

**Key:**                      Personal Protection Index = A.  
(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:**                      Wipe up with absorbent material (e.g. cloth, fleece, paper towel, etc.).

**7. HANDLING AND STORAGE**

**Handling:**                      Use with adequate ventilation.

**Safe handling advice:**                      Avoid contact with eyes and skin.

**Storage:**                      Keep away from open flames, hot surfaces and sources of ignition.  
Store in original container in areas inaccessible to small children and pets.  
**KEEP OUT OF REACH OF CHILDREN**

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:**                      None required under normal use conditions.

**Hand protection:**                      Wash hands after use.

**Skin and body protection:**                      Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.

**Eye protection:**                      Not required under normal conditions of use.  
Avoid contact with eyes.  
Direct contact with eyes may cause irritation.

**Hygiene measures:**                      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>	A liquid impregnated, white, non-woven wipe for surface disinfection.
<b>Appearance:</b>	Pre-moistened non-woven material cut into sheets.
<b>Colour:</b>	White wipe with purple scrub.
<b>Odour:</b>	Citrus.
<b>pH:</b>	7.0
<b>Flash point:</b>	Not applicable. This product is a liquid impregnated non-woven fabric designed for hard surface sanitizing that will burn if exposed to high direct heat or open flame.  The flash point of the expressed liquid that is used to saturate the fabric is 101° F (38.33° C) Closed Cup (Tagliabue).
<b>Specific gravity:</b>	0.998
<b>Vapour pressure:</b>	Not determined.
<b>Solubility:</b>	Not applicable, liquid impregnated non-woven fabric.
<b>Explosion limits:</b>	
- 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>	Non-irritating to the skin.
<b>Eye irritation:</b>	Avoid eye contact. May cause 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. Ingestion is unlikely through the normal anticipated use of this product. Ingestion of liquid from pre-wetted fabric wipes may result in ethanol poisoning, contains denatured ethanol.

**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:

*ETHANOL SDA 40-2 95%*  
*64-17-5 (1-3)*

**Ecotoxicity:**  
= 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

### 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:** Packaging to be recycled only if emptied completely!

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

**Waste Disposal:** Container disposal: Empty containers may be included with domestic refuse for disposal to a landfill. This container may also be recycled in communities where aerosol container recycling is available. Before offering for recycling, empty the can or use the product according to the label instructions.  
Individual units can be discarded in the household trash.

## 14. TRANSPORT INFORMATION

**UN / Id No:** Not applicable

### DOT:

**Classification:** Not regulated per 49CFR & 173.150 (e) (2)

**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 applicable.  
 Proper shipping name: Not applicable.  
 Status: Not applicable.  
 Packing Group: Not applicable.  
 WHMIS hazard class: Not applicable.

**IMDG / IMO**

Classification: Not applicable.  
 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.

**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 applicable.  
 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
ETHANOL SDA 40-2 95%						Present	Present	200-578-6
BENZALKONIUM CHLORIDE 80%						Present	Present	270-325-2

**U.S. Regulations:**

**Components:** *ETHANOL SDA 40-2 95% - 64-17-5*  
 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

**Canada**

WHMIS hazard class: Not applicable.

**16. OTHER INFORMATION**

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



HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	A

**Reason for revision:** This is a shipping MSDS for enclosure with the shipped products, components or other materials and is not to be used for external distribution.

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

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