



# PRODUCT SAFETY DATA SHEET

Print date: 08 Nov 2006

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 0081285

**Product name:** PROFESSIONAL LYSOL® BRAND III DISINFECTANT SPRAY, ALL SCENTS (AEROSOL)

**Validation / Revision Date:** 07 November 2006

**EPA Identifier:** EPA Reg. Number: 777-99-675

**Formula Number:** 0081285 (1095-050) Country;  
0082445 (1095-056) Fresh;  
0081288 (1095-058) Original;  
0081283 (1095-048) Green Apple Breeze;  
0081286 (1095-052) Garden Mist.

**UPC Number and Size:** Country, 36241-04625 (19 oz.);  
Fresh, 36241-04675 (19 oz.);  
Original, 36241-04650 (19 oz.);  
Green Apple Breeze, 36241-76768 (19 oz.);  
Garden Mist, 19200-79482 (19 oz.).

**Product Description:** Disinfectant aerosol spray.

**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

Product code: 0081285

Product name: PROFESSIONAL LYSOL®  
BRAND III DISINFECTANT SPRAY, ALL SCENTS  
(AEROSOL)

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**Components:**

ETHANOL SDA 40-2 95%  
 64-17-5  
 N-ALDIMETHBENZAMMSAC 33%  
 68989-01-5  
 ISOBUTANE  
 75-28-5  
 PROPANE  
 74-98-6

Wt %	ACGIH:	OSHA:
55-60	TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m <sup>3</sup> @10
0-1	None	None
3-4	TWA (TLV): 800 ppm par TWA (TLV): 1900 mg/m <sup>3</sup>	None
3-4	TWA (TLV): 1000 ppm @10 TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1800 mg/m <sup>3</sup> @10

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### FLAMMABLE

CAUTION: Contents under pressure.

DO NOT puncture or incinerate. DO NOT expose to heat or store above 55° C (130° F), as container may burst.

Keep away from heat, sparks and open flame.

Causes moderate eye irritation.

Do not spray in eyes, on skin or on clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

#### 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>	Call a physician or Poison Control Centre immediately. Rinse mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING!
<b>Notes to physician:</b>	Contains denatured ethanol; ingestion may result in ethanol poisoning
<b>Aggravated Medical Conditions:</b>	No information available.

### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	65.5° F (18.6° C). Aerosol flame extension less than 18 inches (45 cm). FLAMMABLE AEROSOL.
<b>Flammability Limits in Air:</b>	
<b>Lower:</b>	3.3% in Air.
<b>Upper:</b>	19% in Air.
<b>Autoignition temperature:</b>	No information available.
<b>Suitable extinguishing media:</b>	Water spray mist or foam. As suitable for surrounding fire.

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Specific hazards:**

Contents under pressure.  
Exposure to temperatures above 55° C (130° F) may cause bursting.  
Keep away from extreme heat, sparks or open flame.

**Unusual hazards:**

Move containers away from fire if possible and safe to do so. Use water spray to cool fire exposed containers. Provide shielding for personnel exposed to venting, rupturing or bursting containers

**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 Aerosol Level:**

Flammability Rating 1, per NFPA 30B.

**NFPA: Health: 1**

**Flammability: 1 Instability: 0**

**HMIS: Health: 1**

**Flammability: 3 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:  
Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments.  
Collect any remaining liquid and store in metal container for later disposal according to local, state, provincial or federal regulations.

## 7. HANDLING AND STORAGE

**Handling:**

Use with adequate ventilation.

**Safe handling advice:**

CAUTION: Contents under pressure. DO NOT puncture or incinerate. DO NOT expose to heat or store above 55° C (130° F), as container may burst.

**Storage:**

KEEP OUT OF REACH OF CHILDREN

Keep away from heat and sources of ignition.  
Store in original container in areas inaccessible to small children and pets.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

### **Personal Protective Equipment**

**Respiratory protection:** No personal respiratory protective equipment normally 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.

**Hand protection:** Avoid contact with the skin. 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. Follow product label instructions.

**Eye protection:** Not required under normal conditions of use. Causes moderate eye irritation. Avoid contact with eyes. Emergency responders should wear full eye and face protection.

**Hygiene measures:** Avoid contact with skin, eyes and clothing. Wash hands with soap and water after use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Liquid (Aerosol spray container)  
**Appearance:** Aerosol.  
**Colour:** Clear, water white  
**Odour:** Fragrances are scent specific. See container label for scent description.

**pH:** 10.5  
**Flash point:** 65.5° F (18.6° C).  
Aerosol flame extension less than 45 centimeters (18 inches).  
Flammable Aerosol.

**Specific gravity:** 1.0 (Concentrate)  
**Vapour pressure:** 95 - 105 psig.  
**Solubility:** Completely soluble.

**Explosion limits:**

- upper: 19%  
- lower: 3.3%

## **10. STABILITY AND REACTIVITY**

**Stability:** Stable under recommended storage conditions. DO NOT expose to heat or store above 55° C (130° F) as container may burst.

**Polymerization:** Hazardous polymerisation does not occur.

**Hazardous decomposition products:** Oxides of carbon and unknown organic compounds.

**Materials to avoid:** Oxidising agents.

**Conditions to avoid:**

Keep away from open flames, hot surfaces and sources of ignition. Pressurised container. Protect from the sunlight and do not expose to temperatures exceeding 55° C (130° F). Extremes of temperature can occur in cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn even after use. Do not spray on a naked flame, onto or near fire, or any incandescent material such as an electric fire.

## 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>	None expected during normal conditions of use.
<b>Eye irritation:</b>	Moderate eye irritation
<b>Inhalation</b>	None expected during normal use. However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal.

<b>Ingestion</b>	Harmful if swallowed. Contains denatured ethyl alcohol.
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<b>Sensitization</b>	Not expected to be a skin sensitiser.
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<b>Chronic toxicity:</b>	No information available.
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**Specific effects**

<b>Carcinogenic effects:</b>	Not listed as carcinogenic by OSHA, NTP or IARC.
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<b>Mutagenic effects:</b>	No information available.
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<b>Reproductive toxicity:</b>	No information available.
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<b>Target organ effects:</b>	No information available.
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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 (55-60)*

**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:** 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:** 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.

**14. TRANSPORT INFORMATION**

**UN / Id No:** **UN 1950**

**DOT:**  
**Classification:** UN1950, Aerosols, Flammable, Class 2.1  
Re-Classed as Consumer Commodity ORM-D.  
**Proper shipping name:** Consumer Commodity  
**U.S. DOT - Hazard Class:** Not applicable.  
**Subsidiary risk:** Not applicable.  
**Packing Group:** Not applicable.  
**DOT RQ (lbs):** Not applicable.  
**ERG No:** 126 / 171

**TDG (Canada):**  
**Classification:** UN 1950, Aerosols, Flammable, Class 2.1  
Re-Classed as Consumer Commodity.  
**Proper shipping name:** Consumer Commodity / Limited Quantity / LTD. QTY.  
**Status:** Not applicable.  
**Packing Group:** Not applicable.  
**WHMIS hazard class:** B5 Flammable aerosol

**IMDG / IMO**  
**Classification:** UN 1950 - Aerosols, Class 2.1, Limited Quantity.  
**Proper shipping name:** Aerosols.  
**Class:** 2  
**Subsidiary Risk:** Not applicable.  
**Packing group:** Not applicable.  
**IMDG page:** See IMDG Code.  
**Marine pollutant:** Not applicable.  
**EMS:** Not applicable. F-D, S-U  
**MFAG:** Not applicable.  
**Maximum quantity:** See IMDG Code.

**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:** UN 1950 - Aerosols, Flammable, Limited Quantity.  
 or  
 Consumer Commodity, ID 8000, if acceptable to airline (500 ml. / 17 fl.oz. or less).  
**Proper shipping name:** Aerosols, Flammable / Consumer Commodity.  
**Class:** 2.1 (9 if shipped as a Consumer Commodity)  
**Subsidiary Risk:** Not applicable  
**Packing Group:** Not applicable.  
**Maximum quantity** See DG List.

**15. REGULATORY INFORMATION**

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
ETHANOL SDA 40-2 95%						Present	Present	200-578-6
N-ALDIMETHBENZAMMSAC 33%				Present		Present	Present	273-545-7
ISOBUTANE	Present					Present	Present	200-857-2
PROPANE						Present	Present	200-827-9

**U.S. Regulations:**

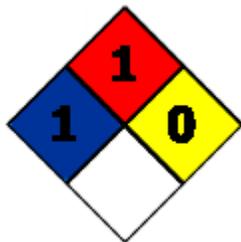
**Components:** *ETHANOL SDA 40-2 95% - 64-17-5*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** None  
**Components:** *N-ALDIMETHBENZAMMSAC 33% - 68989-01-5*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** None  
**Components:** *ISOBUTANE - 75-28-5*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** None  
**Components:** *PROPANE - 74-98-6*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** None

**Canada**

**WHMIS hazard class:** B5 Flammable aerosol

**16. OTHER INFORMATION**

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



HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	3
Reactivity	0
Personal Protection	B

**Note:** NFPA Aerosol Level: Flammability rated as "1" per NFPA 30B.

**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.

**Prepared by:**

Reckitt Benckiser (U.S.) Inc.  
Product Safety Department  
1 Philips Parkway  
Montvale, New Jersey 07646-1810 USA.  
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