



## PRODUCT SAFETY DATA SHEET

Print date: 04 Apr 2006

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 377643

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

**Validation / Revision Date:** 29 Mar 2006

**EPA Identifier:** EPA Reg. Number 777-72

**Formula Number:** Various scents:  
Original 373288 (677-059A); Country 380206 (775-111);  
Spring Waterfall 373280 (677-059G); Summer Breeze 372171 (629-183C);  
Crisp Linen 377643 (677-092B); Kitchen Citrus 375644 (756-136B);  
Green Apple Breeze 379616 (674-015D); Crisp Berry 674-015A (674-015A).

**UPC Number and Size:** All are 19 oz. (538 gm.) aerosol containers:  
Original 19200-79325; Country 19200-79327;  
Spring Waterfall 19200-79326; Summer Breeze 19200-79328;  
Crisp Linen 19200-79329; Kitchen Citrus 19200-79332;  
Green Apple Breeze 19200-79330; Crisp Berry 19200-79331.

**Product Description:** Disinfectant aerosol spray in various scents.

**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:**

TRIETHANOLAMINE 99%  
 102-71-6  
 AMMONIUM HYDROXIDE 26BAUME  
 1336-21-6  
 ETHANOL SDA 40-2 95%  
 64-17-5  
 N-ALDIMETHBENZAMMSAC 33%  
 68989-01-5  
 CARBON DIOXIDE PROPELLANT  
 124-38-9

Wt %	ACGIH:	OSHA:
0-0.5	TWA (TLV): 5 mg/m <sup>3</sup> @10	None
0-0.1	None	None
85-90	TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m <sup>3</sup> @10
0-0.5	None	None
1-5	STEL: 30000 ppm @10 TWA (TLV): 5000 ppm @10	TWA (PEL): 5000 ppm @10 TWA (PEL): 9000 mg/m <sup>3</sup> @10

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

WARNING:

FLAMMABLE

CONTENTS UNDER PRESSURE. Causes eye irritation. Do NOT spray into eyes, on skin or on clothing. Keep away from heat, sparks and open flame. DO NOT puncture or incinerate container. Exposure to temperatures above 130° F (55° C) may cause bursting. DO NOT position near heat or electrical sources. DO NOT spray into open flame. Contains propellant and fragrance.

**KEEP OUT OF REACH OF CHILDREN**

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air.  
**Skin contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.  
**Eye contact:** In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation occurs or persists, get medical attention.  
**Ingestion:** If swallowed, rinse mouth and drink a glass of water. If symptoms persist, get medical attention. Never give an unconscious person anything to ingest.  
**Notes to physician:** Contains denatured ethanol; ingestion may result in ethanol poisoning  
**Aggravated Medical Conditions:** No information available.

### 5. FIRE-FIGHTING MEASURES

**Flash point:** Not applicable. Aerosol flame extension greater than 18 inches (45 cm.).  
**Flammability Limits in Air:**  
   **Lower:** 3.3% in Air.  
   **Upper:** 19% in Air.  
**Autoignition temperature:** No information available.  
**Suitable extinguishing media:** As suitable for surrounding fire.

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

No information available.

**Specific hazards:**

Flammable.  
Contents under pressure.  
Exposure to temperatures above 55° C (130° F) may cause bursting.  
Contains >85% Denatured Ethanol.

**Unusual hazards:**

Keep away from heat, sparks or open flame. 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:** Health: 2

**Flammability:** 1

**Instability:** 0

**HMIS:** Health: 2

**Flammability:** 3

**Reactivity:** 0

**Key:**

Personal Protection Index = A. (Also see Section 3)  
NFPA Flammability Rating: 1, per NFPA 30B

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Ensure adequate ventilation.

**Environmental precautions:**

Do not allow material to contaminate ground water system.

**Methods for cleaning up:**

Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments.

Wear personal protective equipment.

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:**

Use with adequate ventilation.

**Safe handling advice:**

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

**Storage:**

Store in original container in areas inaccessible to small children and pets. Do not reuse container. Contents under pressure. DO NOT puncture or incinerate. Discard empty container in household trash.

**Incompatible products:**

Do not use on polished wood, painted surfaces, leather, rayon fabrics or acrylic plastics. Do not store near high heat sources, sparks or open flame. The contents (ethanol), is extremely flammable.

**EPA Registered Product:**

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.  
Do not inhale aerosol.  
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:

None required for normal recommended use.  
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.  
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.

#### Hygiene measures:

Avoid contact with eyes, skin, and clothing.  
For occupational exposures, wash hands after use and before breaks and the end of the work shift to prevent possible eye irritation from incidental contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid (Aerosol spray container)
<b>Appearance:</b>	Aerosol.
<b>Colour:</b>	Clear, spray mist
<b>Odour:</b>	Various scents, see Section 1.
<b>pH:</b>	10.0
<b>Flash point:</b>	Not applicable. Aerosol flame extension greater than 45 centimeters (18 inches).
<b>Specific gravity:</b>	0.835 @ 25° C.
<b>Vapour pressure:</b>	95 - 105 psig.
<b>Solubility:</b>	Completely soluble.

### Explosion limits:

- upper:	19%
- lower:	3.3%

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions. DO NOT expose to heat or store above 55° C (130° F) as container may burst.
<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>	Keep away from strong oxidizers.
<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

**Skin irritation:** None expected during normal conditions of use.  
**Eye irritation:** Avoid eye contact. Contact with eyes may cause irritation  
**Inhalation** None expected during normal use. However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.  
**Ingestion** Ingestion is unlikely through the normal anticipated use of this product. Ingestion of small amounts is not expected to cause any significant adverse effects. Contains denatured ethanol; ingestion may result in ethanol poisoning.  
**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:

*TRIETHANOLAMINE 99%*  
102-71-6 (0-0.5)

**Ecotoxicity:** = 11800 mg/L LC50 fathead minnow flow-through  
= 5000 mg/L LC50 goldfish

*AMMONIUM HYDROXIDE 26BAUME*  
1336-21-6 (0-0.1)

**Ecotoxicity:** = 0.008 mg/L LC50 rainbow trout  
= 0.024 mg/L LC50 bluegill  
= 0.66 mg/L EC50 water flea  
= 8.2 mg/L LC50 fathead minnow

*ETHANOL SDA 40-2 95%*  
64-17-5 (85-90)

**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

**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:** B2 Flammable liquid

**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:** 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, Class/Div. 2.1, Limited Quantity.  
**Proper shipping name:** Aerosols, Flammable  
**Class:** 2.1  
**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
TRIETHANOLAMINE 99%						Present	Present	203-049-8 (2,2,2-nitrioltriethanol) /
AMMONIUM HYDROXIDE 26 BAUME						Present	Present	215-647-6
ETHANOL SDA 40-2 95%						Present	Present	200-578-6
N-ALDIMETHBENZAMMSAC 33%				Present		Present	Present	273-545-7
CARBON DIOXIDE PROPELLANT						Present	Present	204-696-9

**U.S. Regulations:****Canada**

**WHMIS hazard class:** B2 Flammable liquid

**16. OTHER INFORMATION**

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



**HMIS (U.S.A.):**

<b>Health Hazard</b>	<b>2</b>
<b>Fire Hazard</b>	<b>3</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

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

**Reason for revision:**

This is a new Product Safety Data Sheet (PSDS) for an existing product.

**Additional advice:**

Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

**Prepared by:**

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 Product Safety Department  
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 Montvale, New Jersey 07646-1810 USA.  
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 FAX: 201-476-7770.

**Product code:** 377643

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

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**Disclaimer:**

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