



# PRODUCT SAFETY DATA SHEET

Print date: 22 Mar 2007

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 0089013; 0089014 & 0089015

**Product name:** LYSOL® BRAND NEUTRA AIR® SANITIZING SPRAY, ALL SCENTS (AEROSOL)

**Validation / Revision Date:** 20 March 2007

**EPA Identifier:** EPA Reg. Number: 777-101

**Formula Number:** 960-103 (0089013) Morning Dew™ Scent;  
960-106 (0089014) Fresh Scent;  
960-153 (0089015) Citrus Scent.

**UPC Number and Size:** 19200-79196 (10 oz.) & 19200-80190 (16 oz.) Morning Dew™ scent,  
19200-76938 (10 oz.) & 19200-78862 (16 oz.) Fresh scent,  
19200-76940 (10 oz.) Citrus scent.

**Product Description:** Air treatment aerosol spray.  
Aerosol sanitizing 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

**Components:**

ETHANOL SDA 40-2 (200 PROOF)  
64-17-5  
ETHANOL SDA 40-2 95%  
64-17-5  
N-ALDIMETHBENZAMMSAC 33%  
68989-01-5  
TRIETHYLENE GLYCOL  
112-27-6  
PROPELLANT BLEND AB-46  
68476-86-8

Wt %	ACGIH:	OSHA:
0-0.5	TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m <sup>3</sup> @10
20-25	TWA (TLV): 1000 ppm @10	TWA (PEL): 1000 ppm @10 TWA (PEL): 1900 mg/m <sup>3</sup> @10
0-0.1	None	None
5-10	None	None
20-25	None.	1,000 ppm TWA (PEL)

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

#### FLAMMABLE AEROSOL !

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.

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

DO NOT breathe aerosol!

Persons with asthma or other respiratory conditions should consult their physicians before use.

Avoid contact with food and food utensils.

Use only in well ventilated areas.

NOTE: Spray may leave hardwood floors slippery.

#### KEEP OUT OF REACH OF CHILDREN

**Additional Information:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### 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>	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.
<b>Ingestion:</b>	Rinse mouth with water. Contact a physician or Poison Control Center if symptoms persist Show the container or product label to the medical personnel.
<b>Notes to physician:</b>	Contains denatured ethanol; ingestion may result in ethanol poisoning Contains hydrocarbon propellant. Contains Perfume.
<b>Aggravated Medical Conditions:</b>	NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit <a href="http://www.inhalant.org">www.inhalant.org</a> .

### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	<b>78 (° F)</b> <b>FLAMMABLE AEROSOL.</b> <b>Ignition Distance Test result = 45 cm.</b> <b>(Consistent over three (3) full aerosol containers.)</b>		
<b>Flammability Limits in Air:</b>	No information available.		
<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>	All aerosols are pressurised products and will eventually burst if exposed to very high temperatures, or if involved in a fire. They will then release the propellant hydrocarbon gas which is extremely flammable.		
<b>Unusual hazards:</b>	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		
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.		
<b>Specific methods:</b>	Standard procedure for chemical fires.		
<b><u>NFPA:</u></b>	<b>Health: 1</b>	<b>Flammability: 1</b>	<b>Instability: 0</b>
<b><u>HMIS:</u></b>	<b>Health: 1</b>	<b>Flammability: 3</b>	<b>Reactivity: 0</b>
<b><u>Key:</u></b>	Personal Protection Index = A. (Also see Sections 3 & 8) NFPA Flammability Rating: 1, per NFPA 30B		

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system.
<b>Methods for cleaning up:</b>	Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments.  Small spills: Soak up with an inert absorbent material and dispose of in an appropriate waste container such as household trash. Rinse surface residue and flush to sink or sanitary sewer.  Full protective equipment and self-contained breathing apparatus (SCBA) is required to be worn by all emergency responders and clean-up personnel due to the hydrocarbon propellant and ethanol in the aerosol containers.  Large spills: Leaking or ruptured aerosol containers should be contained and any liquid collected and disposed of in a flammable waste container.

## 7. HANDLING AND STORAGE

**Handling:** Use with adequate ventilation.

It is a violation of federal law to use this product in a manner inconsistent with the product label.

**Safe handling advice:** Keep away from open flames, hot surfaces and sources of ignition. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 55° C (130° F). Do not pierce or burn after use. Keep away from all sources of ignition. Fires involving aerosols with flammable contents are severe and can spread very quickly. Warehouses or stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration. Stores should be well ventilated. The natural ventilation in a large open warehouse building will normally be suitable.

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

Read and follow product label instructions.  
Do not use on polished wood, painted surfaces, leather, rayon fabrics, or acrylic plastics.  
Rinse all surfaces that come in contact with food with potable water before reuse. Spray may leave hard floors slippery. Do not concentrate spray over hard floors.

**Storage:** CONTAINERS SHOULD BE KEPT OUT OF REACH OF CHILDREN.

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 55° C. Do not pierce or burn after use. Keep away from all sources of ignition.

Fires involving flammable aerosols are severe and can spread very quickly. Warehouses and stores containing aerosols should therefore be separated from other areas by a fire resistant construction of at least one half hour duration. Stores should be well ventilated, particularly at low levels. The natural ventilation in a large open warehouse building will normally be suitable. Avoid the storage of aerosols in basements where practicable.

## 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. Avoid contact with the skin.

**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:** Safety glasses.

**Hygiene measures:** Avoid contact with skin, eyes and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Aerosol spray.
<b>Appearance:</b>	Aerosol.
<b>Colour:</b>	Colourless
<b>Odour:</b>	Various scents, see Section 1.
<b>pH:</b>	9.0
<b>Flash point:</b>	78° F (25.6° C) Aerosol flame extension less than 45 centimeters (18 inches).
<b>Specific gravity:</b>	0.9685
<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>	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

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>	None expected during normal use. May cause eye irritation upon direct contact with eyes.
<b>Inhalation</b>	Do not breathe spray. Use only in a well ventilated area.

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

**Ingestion** Contains denatured ethyl alcohol.  
May be harmful if swallowed. 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.

Components:	NTP:	IARC:	OSHA:	Mexico:
PROPELLANT BLEND AB-46			1,000 ppm TWA (PEL)	

**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 (200 PROOF)*  
64-17-5 (0-0.5)

**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

*ETHANOL SDA 40-2 95%*  
64-17-5 (20-25)

**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

*TRIETHYLENE GLYCOL*  
112-27-6 (5-10)

**Ecotoxicity:**

- = 10,000 mg/L LC50 Bluegill 96 hr. Static.
- = 59,900 mg/L LC50 Fathead Minnow 96 hr. Flow-through.
- = 850 mg/L EC50 Photobacterium Phosphoreum. 5 Min.

**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:** Packaging and container to be recycled only if emptied completely!  
For bulk quantities dispose of in accordance with local, regional or national requirements. For further information contact your local waste authority

**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 - Aerosols, Flammable, Class/Div. 2.1**

**DOT:**

**Classification:** UN1950, Aerosols, 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:** 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.

**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 (200 PROOF)						Present	Present	200-578-6
ETHANOL SDA 40-2 95%						Present	Present	200-578-6
N-ALDIMETHBENZAMMSAC 33%				Present		Present	Present	273-545-7
TRIETHYLENE GLYCOL	Present	Present	Present		2-429	Present	Present	203-953-2
PROPELLANT BLEND AB-46						Present	Present	270-705-8

### U.S. Regulations:

<b>Components:</b>	<i>ETHANOL SDA 40-2 (200 PROOF) - 64-17-5</i>
<b>NJRTK:</b>	Not Listed.
<b>California Proposition 65 - CERCLA/SARA 313:</b>	None.
<b>Components:</b>	<i>ETHANOL SDA 40-2 95% - 64-17-5</i>
<b>NJRTK:</b>	Not Listed.
<b>California Proposition 65 - CERCLA/SARA 313:</b>	None.
<b>Components:</b>	<i>N-ALDIMETHBENZAMMSAC 33% - 68989-01-5</i>
<b>NJRTK:</b>	Not Listed.
<b>California Proposition 65 - CERCLA/SARA 313:</b>	None.
<b>Components:</b>	<i>TRIETHYLENE GLYCOL - 112-27-6</i>
<b>NJRTK:</b>	Not Listed.
<b>California Proposition 65 - CERCLA/SARA 313:</b>	None.
<b>Components:</b>	<i>PROPELLANT BLEND AB-46 - 68476-86-8</i>
<b>NJRTK:</b>	Not Listed.
<b>California Proposition 65 - CERCLA/SARA 313:</b>	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	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.



**Prepared by:**

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