



## MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 13-Nov-2009

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>MSDS Number</b>	<b>EPA Submission MSDS</b>
<b>Commercial Product Name</b>	<b>Lysol® Brand Kills 99.9% of Bacteria Neutra Air Fabric Mist For Ultimate Freshness Crisp Linen Scent</b>
<b>Validation/Revision Date</b>	<b>13-Mar-2009</b>
<b>Product Identifier:</b>	<b>EPA Reg. No. 777-113</b>
<b>Formula Number:</b>	<b>1367-144 (0210985) Morning Rain</b>
<b>UPC Code(s) and Size:</b>	19200 82669 (27 fl. oz.) 19200 82871 (17 fl. oz.)
<b>Recommended / Intended Use:</b>	Fabric Treatment
<b>Manufacturer</b>	Reckitt Benckiser Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225 Telephone: +1 973 404 2600
<b>Distributor:</b>	Reckitt Benckiser Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225 Telephone: +1 973 404 2600
<b>Emergency Telephone Number:</b>	1-800-228-4722 (U.S.)
<b>Transportation Emergencies:</b>	1-800-424-9300 (U.S. & Canada) CHEMTREC Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

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**2. HAZARDS IDENTIFICATION****Emergency Overview**

CAUTION!  
Causes moderate eye irritation

**KEEP OUT OF REACH OF CHILDREN****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
C9-11 pareth-8 68439-46-3	0.1 - 1 %	-	-
Didecyl-dimethylazanium chloride 7173-51-5	< 0.25 %	-	-

**4. FIRST AID MEASURES**

<b>Inhalation</b>	Move to fresh air
<b>Skin Contact</b>	Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<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 eye. Call a poison Control Center or Doctor for treatment advice..
<b>Ingestion</b>	Rinse mouth with water. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician or Poison Control Centre immediately.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment.
<b>Aggravated Medical Conditions:</b>	No information available.

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**5. FIRE-FIGHTING MEASURES**

<b>Flash point:</b>	Greater than 93.3° C (>200° F).
<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 Arising from the Chemical:</b>	See Section 2 for Hazard Identification.
<b>Unusual hazards:</b>	None known.
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.
<b>Precautions for fire-fighting</b>	Standard procedure for chemical fires.

<b>NFPA:</b>	<b>Health Hazard: 1</b>	<b>Flammability: 1</b>	<b>Physical Hazard: 0</b>	
<b>HMIS:</b>	<b>Health Hazard: 1</b>	<b>Flammability: 1</b>	<b>Physical Hazard: 0</b>	<b>Personal Protection: B</b>
<b>Key:</b>	(Also see Sections 3 & 8)			

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Ensure adequate ventilation. Avoid contact with skin, eyes and clothing
<b>Environmental Precautions:</b>	Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
<b>Methods for Cleaning Up:</b>	Small spills: Wearing appropriate protective equipment, soak up with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer.  Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so

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**7. HANDLING AND STORAGE**

- Handling:** Read and follow product label instructions.  
 Ensure adequate ventilation  
 Avoid contact with skin, eyes and clothing  
 Wear personal protective equipment  
 Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet
- Storage:** Keep containers tightly closed in a cool, well-ventilated place  
 Store in original container in areas inaccessible to small children and pets.
- 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**

Chemical Name	ACGIH TLV	OSHA PEL
C9-11 pareth-8 68439-46-3	-	-
Didecyl-dimethylazanium chloride 7173-51-5	-	-

- Engineering Controls:** For occupational exposures, ensure adequate ventilation.
- Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained
- Personal Protective Equipment**
- Respiratory Protection:** None required under normal usage.
- Eye/Face Protection:** Avoid contact with eyes  
 If splashes are likely to occur, wear:  
 Safety glasses
- Hand Protection:** For prolonged or repeated contact use protective gloves
- Skin and Body Protection:** Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.
- Hygiene Measures:** Avoid contact with skin, eyes and clothing.  
 Wash thoroughly with soap and water after handling.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid.
<b>Appearance:</b>	Trigger spray.
<b>Colour:</b>	Clear
<b>Odour:</b>	Characteristic of variant
<b>pH</b>	5.8 - 6.8
<b>Flash Point:</b>	> 93.3°C / > 200°F
<b>Flammability Limits in Air:</b>	No information available
<b>Autoignition Temperature:</b>	No information available.
<b>Specific Gravity / Density [g/mL]:</b>	1.002
<b>Vapour Pressure:</b>	Not determined.
<b>Solubility:</b>	Water solubility: completely soluble.

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Store away from excessive heat and moisture
<b>Materials to Avoid:</b>	Do not mix with bleach or other household chemicals.
<b>Hazardous Decomposition Products:</b>	Oxides of carbon and unknown organic compounds.
<b>Polymerization:</b>	Hazardous polymerization does not occur.

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**11. TOXICOLOGICAL INFORMATION**
**PRODUCT TOXICITY DATA**
**LD<sub>50</sub> Oral:** No information available

**LD<sub>50</sub> Dermal:** No information available

**LC<sub>50</sub> Inhalation (Dust):** No information available

**LC<sub>50</sub> Inhalation (Vapor):** No information available

**ACUTE EFFECTS::**
**Eye Irritation** Moderate eye irritation

**Skin Irritation** None expected during normal conditions of use.

**Inhalation** 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.

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

**Mutagenic Effects** No information available.

**Reproductive Toxicity:** No information available.

**Additional Toxicity Information:** Information is based on available component data and toxicity result of similar products.

**COMPONENT TOXICITY DATA**

Chemical Name	CAS-No	LD50 Oral - with units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 Inhalation - With units - Rat/Rabbit
C9-11 pareth-8	68439-46-3	1378 mg/kg ( Rat )	2 g/kg ( Rabbit )	
Didecyl-dimethylazanium chloride	7173-51-5	84 mg/kg ( Rat )		

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**12. ECOLOGICAL INFORMATION****PRODUCT TOXICITY DATA****Ecotoxicity effects****Aquatic toxicity:** No information available**COMPONENT TOXICITY DATA****Other Information****Ozone depletion potential; ODP;  
(R-11 = 1)**

No information available.

**Global Warming Potential (GWP):**

No information available.

**Additional Ecological Information:**

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

**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused  
products:**

Dispose of in accordance with local regulations.

**Contaminated Packaging:**

Rinse empty container thoroughly and discard in trash or recycle.

**Waste Disposal:**

Small amounts of liquid waste: Wipe up with a wet paper towel and discard absorbed material in trash collection or flush waste to sink or sanitary sewer.

Large quantities of waste liquid: Contain and collect for evaluation and disposal according to local, state, provincial and federal regulations.

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**14. TRANSPORT INFORMATION**

<b>General remarks</b>	For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.
<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not applicable.
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>RID</b>	Not applicable.
<b>ADR</b>	Not applicable.
<b>ADN</b>	Not applicable.

**15. REGULATORY INFORMATION**

Chemical Name	PICCS	TSCA	DSL	NDSL	ENCS	CHINA	AICS	EINECS/ ELINCS	South Africa STELs
C9-11 pareth-8		XU	X			X	X	None	
Didecyl-dimethylazanium chloride		Present	X		X	X	X	230-525-2	

**U.S. Regulations:**
*C9-11 pareth-8 - 68439-46-3*

<b>NJRTK</b>	Not Listed.
<b>Appearance</b>	None.
<b>SARA313</b>	None
<b>California Prop. 65</b>	Not Listed

*Didecyl-dimethylazanium chloride - 7173-51-5*

<b>NJRTK</b>	Not Listed.
<b>Appearance</b>	None.
<b>SARA313</b>	None
<b>California Prop. 65</b>	Not Listed

**WHMIS (Canada)**

<b>WHMIS Hazard Class</b>	Not determined
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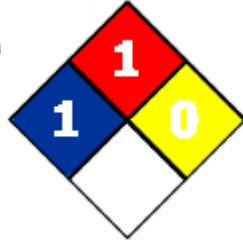


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**16. OTHER INFORMATION**

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



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

<b>Health Hazard</b>	<b>1</b>
<b>Flammability:</b>	<b>1</b>
<b>Physical hazards</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

- Reason for revision:** This is a MSDS for EPA Registration, not to be used for distribution with the final retail 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.  
FAX: 201-476-7770

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