



MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 04-Dec-2008

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number D0203066

Commercial Product Name Lemon Breeze® Scent Lysol® Brand II Disinfectant All Purpose Cleaner 4 in 1

Validation/Revision Date: 02-Dec-2008

Product Identifier: EPA Reg. Number: 777-66

Formula Number: 935-005 (FF372256)

UPC Code(s) and Size:
19200-75217 (22 oz.)
19200-75352 (32 oz.)
19200-80203 (40 oz.)

Product Description: All purpose cleaner.

Manufacturer: Reckitt Benckiser Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
Telephone: +1 973 404 2600

Emergency Telephone Number: 1-800-228-4722 (U.S.)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
Lauryldimethylamine oxide 1643-20-5	0.1 - 1 %	-	-
n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride 68424-85-1	< 0.25 %	-	-

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3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:****WARNING:**

Causes Substantial but temporary eye injury.

DO NOT get in eyes or on skin.

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

Remove contaminated clothing and wash clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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 for at least 15 minutes while removing all contaminated clothing and shoes.
Eye Contact	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.
Ingestion	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.
Notes to Physician	Treat symptomatically
Aggravated Medical Conditions:	No information available.

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5. FIRE-FIGHTING MEASURES

Flash point: CLOSED CUP: Higher than 93.3° C (>200° F). [Tagliabue].

Flammability Limits in Air:
Lower No information available.
Upper No information available.

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: See Section 3, Hazard Identification.

Unusual hazards: None known.

Special Protective Equipment for Fire Fighters: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

Precautions for Fire Fighters: Standard procedure for chemical fires.

NFPA: Health Hazard: 1 Flammability: 0 Instability: 0

HMS: Health Hazard: 1 Flammability: 0 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 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.

7. HANDLING AND STORAGE

Handling: Ensure adequate ventilation.

Safe Handling Advice: Read and follow product label instructions.
Do not get in eyes, on skin, or on clothing
Wear eye/face protection.
Wash thoroughly with soap and water after handling.
Remove and wash contaminated clothing before re-use.

Storage: Store in original container in areas inaccessible to small children and pets.
Keep containers tightly closed in a cool, well-ventilated place

EPA Registered Product: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Lauryldimethylamine oxide 1643-20-5	-	-
n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride 68424-85-1	-	-

Engineering Controls: For occupational exposures, ensure adequate ventilation.

Personal Protective Equipment

Respiratory Protection: None required under normal usage.

Hand Protection: Not required under normal use
For sensitive skin or prolonged use, wear rubber gloves.

Eye Protection: Avoid contact with eyes.
If splashes are likely to occur, wear:
Safety glasses with side-shields.

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 off with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.
Appearance: Clear
Colour: Yellow
Odour: Citrus
pH 10.5 - 11.5

Flash Point: . > 93°C / > 200°F
Autoignition Temperature: No information available.
Specific gravity [g/mL]: 0.9948 - 1.0048
Vapour Pressure: Not determined.
Solubility: Completely soluble.

Explosion limits:

- upper: No data available.
- lower: No data available.

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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION
PRODUCT TOXICITY DATA

LD₅₀ Oral: No information available
LD₅₀ Dermal: 134455 mg/kg (rat) estimated
LC₅₀ Inhalation (Dust): 816 mg/m³ (dust) estimated
LC₅₀ Inhalation (Vapor): 8419 ml/m³ (vapor) estimated

Acute Effects:

Eye Irritation Causes substantial but temporary eye injury.
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 Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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#	LD50 Oral - With Units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 Inhalation - With units - Rat/Rabbit
n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride	68424-85-1	426 mg/kg (Rat)		

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12. ECOLOGICAL INFORMATION

PRODUCT TOXICITY DATA

Aquatic toxicity: This product is not classified as an environmental hazard.

COMPONENT TOXICITY DATA

Lauryldimethylamine oxide

1643-20-5 (0.1 - 1 %)

Freshwater Algae -

Freshwater Fish -

Microtox -

Water Flea -

n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride

68424-85-1 (< 0.25 %)

Freshwater Algae -

Freshwater Fish -

Microtox -

Water Flea -

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: Do not re-use empty containers.
Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

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

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not applicable.
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not applicable.
<u>ADR</u>	Not applicable.
<u>ADN</u>	Not applicable.

15. REGULATORY INFORMATION

Chemical Name	PICCS	TSCA	DSL	NDSL	ENCS	CHINA	AICS	ENECS/ ELINCS	South Africa STELs
Lauryldimethylamine oxide		Present	X		X	X	X	216-700-6	
n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride		Present	X			X	X	270-325-2	

U.S. Regulations:

Lauryldimethylamine oxide - 1643-20-5

NJRTK Not Listed.
Appearance None.

n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride - 68424-85-1

NJRTK Not Listed.
Appearance None.
SARA313 None

Chemical Name **California Prop. 65**

Lauryldimethylamine oxide - 1643-20-5 Not Listed

n-Alkyl (C12-16)-n,n-dimethyl-n-benzylammonium chloride - 68424-85-1 Not Listed

WHMIS (Canada)

WHMIS Hazard Class Not determined

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16. OTHER INFORMATION

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



HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	0
Reactivity	0
PERSONAL PROTECTION	B

Reason for revision: 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.
FAX: 201-476-7770

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