



SAFETY DATA SHEET

According to US Standard ANSI Z400.1-2004

Print date: 05-Aug-2011

1. PRODUCT AND COMPANY IDENTIFICATION

SDS Number: D0359524

Commercial Product Name: Lysol® Antibacterial Hand Soap No Touch Kitchen System

Validation/Revision Date 05-Aug-2011

Formula Number: 1795-040 (0339028) Tangerine
1726-113A (0339029) Lemon
1726-113B (0339330) Berry

UPC Code(s) and Size: Refill: 251mL PET bottle with closure fitting into dispenser device
Starter kit: 1 device + 1 refill

Recommended use Manual dishwashing detergent and Hand Wash.

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

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

Reckitt Benckiser (Canada) Inc.
1680 Tech Avenue, Unit #2
Mississauga, Ontario L4W 5S9
CANADA
Telephone: +1 905 283 7000

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

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2. HAZARDS IDENTIFICATION**Emergency Overview**Warnings
For external use only**KEEP OUT OF REACH OF CHILDREN****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
Alcohols, C10-16, ethoxylated, sulfates, sodium salts 68585-34-2	15 - 30 %		
Cocamidopropyl Betaine 61789-40-0	1 - 5 %		
Amines, C10-16-alkyldimethyl, N-oxides 70592-80-2	< 2.5 %		
Cocamide DEA 68603-42-9	< 2.5 %		

4. FIRST AID MEASURES

Inhalation	Move to fresh air. If symptoms persist, call a physician.
Skin Contact	Product intended to be used on skin. Get medical attention if irritation develops and persists.
Eye Contact	In case of eye contact, flush with water. Stop use and ask a doctor if irritation or redness develops.
Ingestion	If swallowed, get medical help or contact a Poison Control Center right away.. Rinse mouth with water. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.
Notes to Physician	Treat symptomatically
Protection of First-aiders	Use personal protective equipment
Aggravated Medical Conditions:	None known.

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5. FIRE-FIGHTING MEASURES

Flash point:	Not flammable.
Suitable Extinguishing Media:	As suitable for surrounding fire.
Unsuitable Extinguishing media:	No information available
Specific Hazards Arising from the Chemical:	No information available
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-fighting	Standard procedure for chemical fires.

NFPA:	Health Hazard: 1	Flammability: 0	Instability / Reactivity: 0	Special: --
HMIS:	Health Hazard: 1	Flammability: 0	Physical Hazard: 0	Personal Protection: A
Key:	(Also see Sections 3 & 8)			

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation. Avoid contact with eyes
Environmental Precautions:	Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
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. Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.
Methods for Containment:	Prevent further leakage or spillage if safe to do so

7. HANDLING AND STORAGE

Handling:	Read and follow product label instructions. For external use only. Rinse and dry hands after use. Avoid contact with eyes
Storage:	Store in original container in areas inaccessible to small children and pets. Store at room temperature KEEP OUT OF REACH OF CHILDREN

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Alcohols, C10-16, ethoxylated, sulfates, sodium salts 68585-34-2	-	-
Cocamidopropyl Betaine 61789-40-0	-	-
Amines, C10-16-alkyldimethyl, N-oxides 70592-80-2	-	-
Cocamide DEA 68603-42-9	-	-

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: If splashes are likely to occur, wear:
Safety glasses with side-shields.

Hand Protection: Not required under normal use

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: Wash hands before breaks and at the end of workday.
Avoid contact with the eyes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Appearance:	Opaque Liquid.
Colour:	Orange Yellow Blue
Odour:	Characteristic of variant
pH	7.00
Boiling Point/Range:	No information available
Flash Point:	> 93.3°C / > 200°F
Flammability Limits in Air:	No information available
Autoignition Temperature:	No information available.
Viscosity:	900 - 2200 cps
Specific Gravity / Density [g/mL]:	1.033
Vapour pressure:	not determined.
Solubility:	Water solubility: completely soluble.
<u>Explosion limits:</u>	
- upper:	No data available
- lower:	No data available

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 polymerization does not occur.

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11. TOXICOLOGICAL INFORMATION
PRODUCT TOXICITY DATA

LD₅₀ Oral: No information available
LD₅₀ Dermal: No information available
LC₅₀ Inhalation (Dust): No information available
LC₅₀ Inhalation (Vapor): No information available

ACUTE EFFECTS

Eye Irritation None expected during normal use.
 May cause eye irritation upon direct contact with eyes.
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.
Sensitization Not expected to be a skin sensitiser.

CHRONIC EFFECTS

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.
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
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	no data available	no data available	no data available
Cocamidopropyl Betaine	61789-40-0	4900 mg/kg (Rat)	no data available	no data available
Amines, C10-16-alkyldimethyl, N-oxides	70592-80-2	2000 mg/kg (Rat)	no data available	no data available
Cocamide DEA	68603-42-9	12400 µL/kg (Rat)	no data available	no data available

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12. ECOLOGICAL INFORMATION**PRODUCT TOXICITY DATA****Aquatic toxicity:** This product is not classified as an environmental hazard.**COMPONENT TOXICITY DATA***Cocamidopropyl Betaine*

61789-40-0 (1 - 5 %)

Freshwater Algae

EC50 72 h 1.0 - 10.0 mg/L

EC50 96 h 0.55 mg/L

Freshwater FishLC50 96 h *Brachydanio rerio* 1.0-10.0 mg/LLC50 96 h *Brachydanio rerio* 2 mg/L**Water Flea**

EC50 48 h 6.5 mg/L

Amines, C10-16-alkyldimethyl, N-oxides

70592-80-2 (< 2.5 %)

Water Flea

LC50 96 h 1.01 mg/L

Cocamide DEA

68603-42-9 (< 2.5 %)

Freshwater FishLC50 96 h *Brachydanio rerio* 3.6 mg/L**Water Flea**

EC50 24h 4.2 mg/L

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:

Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

Waste Disposal:

Dispose of according to Local, State, Provincial and / or Federal regulations.

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14. TRANSPORT INFORMATION

General remarks	For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.
<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	EINECS/ ELINCS	South Africa STELs
Alcohols, C10-16, ethoxylated, sulfates, sodium salts		XU	X			X	X	500-228-3	
Cocamidopropyl Betaine		Present	X		X	X	X	263-058-8	
Amines, C10-16-alkyldimethyl, N-oxides		Present	X			X	X	274-687-2	
Cocamide DEA		Present	X		X	X	X	271-657-0	

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U.S. Regulations:*Alcohols, C10-16, ethoxylated, sulfates, sodium salts - 68585-34-2*

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Cocamidopropyl Betaine - 61789-40-0

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Amines, C10-16-alkyldimethyl, N-oxides - 70592-80-2

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 Not Listed

Cocamide DEA - 68603-42-9

NJRTK Not Listed.
Appearance None.
SARA313 None
California Prop. 65 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
Flammability:	0
Physical hazards	0
Personal Protection	A

Reason for revision: Not applicable

Additional advice: This product should only be used as directed on the label and for the purpose intended.

Prepared by: Reckitt Benckiser LLC.
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1 Philips Parkway
Montvale, New Jersey 07646-1810 USA.
FAX: 201-476-7770

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