



SAFETY DATA SHEET

According to US Standard ANSI Z400.1-2004

Print date: 10-May-2011

1. PRODUCT AND COMPANY IDENTIFICATION

SDS Number: D0245597

Commercial Product Name: Lysol® Automatic Toilet Bowl Cleaner, All Scents

Validation/Revision Date: 10-May-2011

Formula Number: 1579-050 (0245588) Lavender
1579-051 (0245589) Citrus
1579-053 (0245591) Marine

UPC Code(s) and Size: 40 gm toilet rim block
19200-83722 - Lavender
19200-83723 - Citrus
19200-83721 - Marine

Recommended use: Toilet bowl cleaner.

Manufacturer: Reckitt Benckiser Hungary
Fatalepi UT 15
2800 Tatabanya
Hungary
Tel. +36 34 513 770

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

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**

- WARNING!
EYE AND SKIN IRRITANT

KEEP OUT OF REACH OF CHILDREN

contains: Surfactants

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
Sodium C14-16 olefin sulfonate 68439-57-6	15 - 30 %		
Sodium 2-dodecylbenzenesulfonate 25155-30-0	15 - 30 %		
Sodium carbonate 497-19-8	< 2.5 %		

4. FIRST AID MEASURES

Inhalation	Move to fresh air. If symptoms persist, call a physician.
Skin Contact	If on skin, wash with plenty of soap and water. If irritation persists get immediate medical attention.
Eye Contact	If in eyes, IMMEDIATELY rinse eyes with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.
Ingestion	Rinse mouth with water. Drink plenty of water. Do not induce vomiting without medical advice. 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
Protection of First-aiders	Use personal protective equipment.

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5. FIRE-FIGHTING MEASURES

Flash point:	Not applicable. Solid block
Suitable Extinguishing Media:	As suitable for surrounding fire.
Unsuitable Extinguishing media:	No information available
Specific Hazards Arising from the Chemical:	See Section 2 for Hazard Identification
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: 3	Flammability: 0	Instability / Reactivity: 0	Special: --
HMIS:	Health Hazard: 3	Flammability: 0	Physical Hazard: 0	Personal Protection: B
Key:	(Also see Sections 3 & 8)			

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precautions:	Do not flush with water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
Methods for Cleaning Up:	Wearing appropriate personal protective equipment; Sweep up and shovel into suitable containers for disposal
Methods for Containment:	Prevent further leakage or spillage if safe to do so

7. HANDLING AND STORAGE

Handling:	Read and follow product label instructions. Ensure adequate ventilation Do not get in eyes, on skin or on clothing. Do not ingest Wash thoroughly with soap and water after handling.
Storage:	Store in original container in areas inaccessible to small children and pets. Store at room temperature KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
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Sodium C14-16 olefin sulfonate 68439-57-6	-	-
Sodium 2-dodecylbenzenesulfonate 25155-30-0	-	-
Sodium carbonate 497-19-8	-	-

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: No personal respiratory protective equipment normally required.
In the case of respirable dust, use self-contained breathing apparatus

Eye/Face Protection: Safety glasses with side-shields.

Hand Protection: Wear protective gloves/clothing.

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 thoroughly with soap and water after handling.
Avoid contact with eyes, skin, and clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid.
Appearance:	Solid block
Colour:	Violet Yellow Blue
Odour:	Lavender Citrus Marine scent.
pH	8 - 10
Boiling Point/Range:	Not available
Flash Point:	> 93.3°C / > 200°F
Flammability Limits in Air:	No information available
Autoignition Temperature:	No information available.
Specific Gravity / Density [g/mL]:	Not applicable, Solid block
Vapour pressure:	not determined.
Solubility:	Water solubility: completely soluble.
<u>Explosion limits:</u>	
- upper:	Not available
- lower:	Not 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 Severe eye irritation

Skin Irritation Irritating to skin.

Inhalation None expected during normal conditions of use.

Ingestion Health injuries are not known or expected under normal use.
Maybe harmful if swallowed. See Section 4 for First Aid instructions.

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
Sodium C14-16 olefin sulfonate	68439-57-6	2310 mg/kg (Rat)	6300 mg/kg (Rabbit)	no data available
Sodium 2-dodecylbenzenesulfonate	25155-30-0	438 mg/kg (Rat)	no data available	no data available
Sodium carbonate	497-19-8	4090 mg/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***Sodium C14-16 olefin sulfonate*
68439-57-6 (15 - 30 %)**Freshwater Fish**

LC50 96 h Brachydanio rerio 1.0-10.0 mg/L

LC50 96 h Brachydanio rerio 12.2 mg/L

Sodium 2-dodecylbenzenesulfonate
25155-30-0 (15 - 30 %)**Freshwater Fish**

LC50 96 h Oncorhynchus mykiss 10.8 mg/L

Sodium carbonate
497-19-8 (< 2.5 %)**Freshwater Algae**

EC50 = 242 mg/L 120 h

Freshwater Fish

LC50 = 300 mg/L Lepomis macrochirus 96 h

Water Flea

EC50 = 265 mg/L 48 h

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:

Dispose of as household trash. For bulk quantities dispose of in accordance with local, regional or national requirements. For further information contact your local waste authority.

Waste Disposal:

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

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14. TRANSPORT INFORMATION

General remarks	Not classified as dangerous in the meaning of transport regulations. 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
Sodium C14-16 olefin sulfonate		Present	X			X	X	270-407-8	
Sodium 2-dodecylbenzenesulfonate		Present	X		X	X	X	246-680-4	
Sodium carbonate	Present	Present	X		X	X	X	207-838-8	

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U.S. Regulations:
Sodium C14-16 olefin sulfonate - 68439-57-6

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

Sodium 2-dodecylbenzenesulfonate - 25155-30-0

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

Sodium carbonate - 497-19-8

NJRTK Not Listed.
Appearance Grayish-w hite pow der or lumps
SARA313 None
California Prop. 65 Not Listed

WHMIS (Canada)

WHMIS Hazard Class Not determined

16. OTHER INFORMATION

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



HMIS (U.S.A.):

Health Hazard	3
Flammability:	0
Physical hazards	0
Personal Protection	B

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

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