



## 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**

<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Skin Contact</b>	If on skin, wash with plenty of soap and water. If irritation persists get immediate medical attention.
<b>Eye Contact</b>	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.
<b>Ingestion</b>	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.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment.

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**5. FIRE-FIGHTING MEASURES**

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

**6. ACCIDENTAL RELEASE MEASURES**

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

**7. HANDLING AND STORAGE**

<b>Handling:</b>	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.
<b>Storage:</b>	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**

<b>Physical State:</b>	Solid.
<b>Appearance:</b>	Solid block
<b>Colour:</b>	Violet Yellow Blue
<b>Odour:</b>	Lavender Citrus Marine scent.
<b>pH</b>	8 - 10
<b>Boiling Point/Range:</b>	Not available
<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>	Not applicable, Solid block
<b>Vapour pressure:</b>	not determined.
<b>Solubility:</b>	Water solubility: completely soluble.
<b><u>Explosion limits:</u></b>	
- upper:	Not available
- lower:	Not available

**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 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** 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**

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

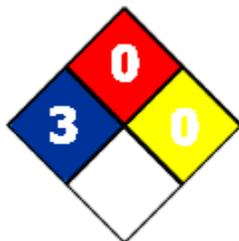
**NJRTK** Not Listed.  
**Appearance** Grayish-w hite pow der or lumps  
**SARA313** None  
**California Prop. 65** Not Listed

**WHMIS (Canada)**

**WHMIS Hazard Class** Not determined

**16. OTHER INFORMATION**

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



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

<b>Health Hazard</b>	<b>3</b>
<b>Flammability:</b>	<b>0</b>
<b>Physical hazards</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</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.  
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