



PRODUCT SAFETY DATA SHEET

Print date: 01 Feb 2007

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0037026

Product name: LYSOL® BRAND POWERONS® GEL TOILET BOWL CLEANER

Validation / Revision Date: 01 February 2007

EPA Identifier: Not applicable.

Formula Number: 1208-011 (0037026)

UPC Number and Size: 19200-76528 (24 oz. / 709 ml.), 1 Pint 8 fl.oz. plastic bottle.

Product Description: Toilet bowl cleaning gel with a fresh scent containing microsponge particles for powerful, quick cleaning.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225

Emergency telephone number: 1-800-228-4722 (U.S.)

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components:

SOD HYDROXIDE 25% RAYON
1310-73-2
SOD HYDROXIDE 25% MEMBRAN
1310-73-2
SODIUM LAURYL SULFATE 29%
151-21-3
CITRIC ACID ANHYDROUS
77-92-9

Wt %	ACGIH:	OSHA:
0-0.5	Ceiling: 2 mg/m ³ @10	TWA (PEL): 2 mg/m ³ @10
0-0.01	Ceiling: 2 mg/m ³ @10	TWA (PEL): 2 mg/m ³ @10
1-3	None	None
0-2	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: EYE IRRITANT.
DO NOT get in eyes, on skin or on clothing.
Wash thoroughly with soap and water after handling.
Contains Anionic Surfactant.

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 removing all contaminated clothes and shoes.
Eye contact:	In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation occurs or persists, get medical attention.
Ingestion:	Rinse mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING!
Notes to physician:	Contains surfactants.
Aggravated Medical Conditions:	No information available.

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:	Not applicable.
Unusual hazards:	None known

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

Specific methods:

Standard procedure for chemical fires.

NFPA: Health: 2

Flammability: 0

Instability: 0

HMIS: Health: 2

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 amounts:
Flush with water.
Wipe up with absorbent material (e.g. cloth, fleece, paper towel, etc.).

Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling:

CAUTION: EYE IRRITANT.
Avoid contact with eyes, skin and clothing.
Wash hands after handling.

Safe handling advice:

Wear personal protective equipment (eye and skin) if contact with the liquid is possible.

Storage:

Store in original container in areas inaccessible to small children and pets.
Do not freeze.
KEEP OUT OF REACH OF CHILDREN

Incompatible products:

Do not store or mix with ammonia, bases, acids, oxidizers or metals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

For occupational exposures, ensure adequate ventilation.

Personal Protective Equipment

Respiratory protection:

None required under normal use conditions.

Hand protection:

Avoid contact with the skin.
Wear impervious gloves where the potential for contact with the liquid is possible.
Emergency responders should wear impermeable gloves.

Skin and body protection:	None required under normal recommended use conditions. Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the product that has been dissolved in liquid (such as a fire scene) is possible.
Eye protection:	Eye irritant, wear eye protection if the possibility of splashing exists. Emergency responders should wear full eye and face protection.
Hygiene measures:	Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid. Clear.
Appearance:	Viscous.
Colour:	Light blue
Odour:	Marine scent. Herbal odor
pH:	2.8-3.2 @ 25° C. [Acidic.]
Flash point:	Greater than 93° C (>200° F)
Specific gravity:	No information available.
Vapour pressure:	Not determined.
Solubility:	Completely soluble.

Explosion limits:

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

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	Oxides of carbon and unknown organic compounds.
Materials to avoid:	Do not mix with other household chemicals.
Conditions to avoid:	Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Product Information

LC50/inhalation/4h/rat =	No information available.
LD50/dermal/rabbit =	No information available.
LD50/oral/rat =	No information available.

Local effects

Skin irritation:	Avoid skin contact. May be irritating to sensitive skin or in the case of prolonged contact with the liquid.
Eye irritation:	Eye irritant.
Inhalation	None expected during normal conditions of use.

Ingestion May be harmful if swallowed. See Section 4 for First Aid instructions.

Sensitization Not expected to be a skin sensitiser.

Chronic toxicity: No information available.

Specific effects

Carcinogenic effects: Not listed as carcinogenic by OSHA, NTP or IARC.

Components:	NTP:	IARC:	OSHA:	Mexico:
SOD HYDROXIDE 25% RAYON	No	No		

Mutagenic effects: No information available.

Reproductive toxicity: No information available.

Target organ effects: No information available.

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

12. ECOLOGICAL INFORMATION

Product Information

Aquatic toxicity: No information available.

Component Information:

SODIUM LAURYL SULFATE 29%
151-21-3 (1-3)

Ecotoxicity:

- = 1.2 mg/L EC50 Photobacterium phosphoreum
- = 1.6 mg/L EC50 Photobacterium phosphoreum
- = 10.2 mg/L LC50 fathead minnow (fry)
- = 17 mg/L LC50 fathead minnow (juvenile)
- = 22.5 mg/L LC50 fathead minnow (adult)
- = 3.5 mg/L EC50 Photobact

CITRIC ACID ANHYDROUS
77-92-9 (0-2)

Ecotoxicity: = 14 mg/L EC50 Photobacterium phosphoreum

Other information:

Ozone depletion potential; ODP; (R-11 = 1) = No information available.
Global warming potential (GWP) = No information available.

Additional ecological information: No information available.

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

14. TRANSPORT INFORMATION

UN / Id No: Not applicable

DOT:

Classification: Not a DOT regulated material. (United States)
Proper shipping name: Not applicable.
U.S. DOT - Hazard Class: Not applicable.
Subsidiary risk: Not applicable.
Packing Group: Not applicable.
DOT RQ (lbs): Not applicable.
ERG No: Not applicable.

TDG (Canada):

Classification: Not regulated under TDG
Proper shipping name: Not applicable.
Status: Not applicable.
Packing Group: Not applicable.

IMDG / IMO

Classification: Not regulated under IMDG
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary Risk: Not applicable.
Packing group: Not applicable.
IMDG page: Not applicable.
Marine pollutant: Not applicable.
EMS: Not applicable.
MFAG: See Guide.

ADR / RID

Classification: Not applicable.
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary risk: Not applicable.
Packing Group: Not applicable.
ADR/RID-labels: Not applicable
Hazard Identification Number: Not applicable.
CEFIC Tremcard No: Not applicable.

ICAO / IATA:

Classification: Not regulated under ICAO / IATA
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary Risk: Not applicable
Packing Group: Not applicable.
Maximum quantity Not applicable.

15. REGULATORY INFORMATION

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
SOD HYDROXIDE 25% RAYON						Present	Present	215-185-5
SOD HYDROXIDE 25% MEMBRAN						Present	Present	215-185-5
SODIUM LAURYL SULFATE 29%						Present	Present	205-788-1
CITRIC ACID ANHYDROUS						Present	Present	201-069-1

U.S. Regulations:

Components: *SOD HYDROXIDE 25% RAYON - 1310-73-2*
NJRTK: Not Listed.
California Proposition 65 - None.
CERCLA/SARA 313: None

Components: *SOD HYDROXIDE 25% MEMBRAN - 1310-73-2*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.
Components: *SODIUM LAURYL SULFATE 29% - 151-21-3*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.
Components: *CITRIC ACID ANHYDROUS - 77-92-9*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.

Canada

WHMIS hazard class: Not determined.

16. OTHER INFORMATION

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



HMIS (U.S.A.):

Health Hazard	2
Fire Hazard	0
Reactivity	0
Personal Protection	B

Reason for revision: This is a new formulation of an existing 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.
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