



MATERIAL SAFETY DATA SHEET

Print date: 03/31/2004

Revision Number: NOT AUTHORIZED

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 382058

Product name: LYSOL® BRAND II DISINFECTANT BASIN TUB & TILE CLEANER, GREEN APPLE BREEZE (TRIGGER)

Validation Date: 30 March 2004

Formula Number: 693-110A (382058)

UPC # and Size: 19200-77660 (29.3 oz. Trigger)

Product Description: Ready-to-use Lysol® Basin Tub & Tile Cleaner in an apple scent trigger spray..

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

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

SODIUM LAURYL SULFATE 29%
151-21-3
DIPROPY GLY N-BUTYL ETHER
29911-28-2
HYDROXYACETIC ACID 70%
79-14-1
CITRIC ACID, 50%
NA

Wt %	ACGIH:	OSHA:
2-3	None	None
2-3	None	None
2-3	None	None
3-5	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- WARNING:
- Causes eye irritation.
- Do not spray in eyes, on skin or on clothing.

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:	Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. If symptoms develop or persist seek medical advice.
Ingestion:	Rinse mouth with water. Contact a physician or Poison Control Center if symptoms develop. Never give an unconscious person anything to ingest.
Notes to physician:	No information available.
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 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 Physical Hazard: 0
Key:	
C	

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: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Large spills should be diked, contained and collected for later disposal according to local, state or federal regulations

7. HANDLING AND STORAGE

Handling:	Use only in area provided with appropriate exhaust ventilation.
Storage:	Store in original container in areas inaccessible to small children and pets. KEEP OUT OF REACH OF CHILDREN. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Ensure adequate ventilation.

Personal Protective Equipment

Respiratory protection:	No personal respiratory protective equipment normally required. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations
Hand protection:	PVC disposable gloves.
Skin and body protection:	Usual safety precautions while handling the product will provide adequate protection against this potential effect.
Eye protection:	Safety glasses.
Hygiene measures:	Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid.
Appearance:	Clear liquid. Trigger spray.
Colour:	Pale to light straw coloured.
Odour:	Green apple fragrance. Floral Fruity
pH:	1.8 - 2.2 Acidic.
Autoignition temperature:	No information available.
Specific gravity:	1.02
Density:	No information available.
Bulk density:	No information available.
Vapor density:	Not determined.
Vapour pressure:	Not determined.
Solubility:	No information available.
VOC content(%):	No information available.
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:	Nitrogen oxides (NOx). Oxides of carbon and unknown organic compounds.
Materials to avoid:	Strong oxidizers and strong alkali compounds. Do not mix with any other household chemicals such as chlorine bleach containing compounds as toxic vapors may be formed.
Conditions to avoid:	Direct heating, dirt, chemical contamination, sunlight, ultraviolet (UV) or ionizing radiation.

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: None expected during normal conditions of use.
Eye irritation: None expected during normal use. May cause eye irritation upon direct contact with eyes.
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 toxicity: 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.
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%

Ecotoxicity:

DIPROPY GLY N-BUTYL ETHER

Ecotoxicity: No test data on the actual product.

HYDROXYACETIC ACID 70%

Ecotoxicity: No test data on the actual product.

CITRIC ACID, 50%

Ecotoxicity: No test data on the actual product.

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 unused product.

14. TRANSPORT INFORMATION

UN / Id No: Not applicable
(file not Found c:\wercs\Flamliq.wmf)

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
Maximum quantity: Not applicable

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
HIN: 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: See Regulations

15. REGULATORY INFORMATION

International Inventories

Components	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
SODIUM LAURYL SULFATE 29%	Present	Present	Present		2-1675; 2-1679	Present	Present	205-788-1
DIPROPY GLY N-BUTYL ETHER	Present	Present	Present		7-97	Present	Present	249-951-5

HYDROXYACETIC ACID 70%	Present	Present	Present		2-1346	Present	Present	201-180-5
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U.S. Regulations:

Canada

WHMIS hazard class:

Not determined.

16. OTHER INFORMATION

HMIS (U.S.A.):

Health Hazard	2
Fire Hazard	0
Reactivity	0
Personal Protection	C

Reason for revision:

This is a new formulation of an existing product

Additional advice:

Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

Prepared by:

Product Safety Department

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