



PRODUCT SAFETY DATA SHEET

Print date: 29 May 2007

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 353846 / 0051530

Product name: **LYSOL® BRAND DISINFECTANT POWER TOILET BOWL CLEANER**

Validation / Revision Date: 24 May 2007

EPA Identifier: EPA Reg. Number: 777-81

Formula Number: V15-1541 (353846) / 1107-019B (0051530)

UPC Number and Size: 19200-02501 (16 oz.); 19200-02522 (24 oz.); 19200-79178 (32 oz.)

Product Description: Toilet bowl cleaner (liquid).

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:

HYDROCHLORIC ACID 30%
7647-01-0
PEG-2 TALLOW AMINE
61791-26-2
GENAPOL 26-L-80
68551-12-2

Wt %	ACGIH:	OSHA:
30-35	Ceiling: 2 ppm @10	Ceiling: 5 ppm @10 Ceiling: 7 mg/m ³ @10
1-3	None	None
1-3	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER:

CORROSIVE: Produces chemical burns.
Contains Hydrochloric Acid.
DO NOT get in eyes, on skin or on clothing.
May be harmful or fatal if swallowed.
Do not breathe vapor or fumes.
Fumes are corrosive to metal.

KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

Inhalation:	If inhaled, move to fresh air. If irritation occurs or persists, get medical attention.
Skin contact:	In case of skin contact, IMMEDIATELY flush with plenty of water for at least 15-20 minutes. Remove any contaminated clothing and wash thoroughly with soap and water before wearing again. Contact a Poison Control Center or Doctor immediately for treatment advice.
Eye contact:	If in eyes, IMMEDIATELY hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing. Call a Poison Control Center or doctor for treatment advice
Ingestion:	If swallowed, Call a Poison Control Center or Doctor IMMEDIATELY for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE VOMITING unless told to do so by the Poison Control Center or Doctor. Do not give anything by mouth to an unconscious person.
Notes to physician:	Contains Hydrochloric Acid (Approx. 9.6%). Contains surfactants. Probable mucosal damage may contraindicate the use of gastric lavage .
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:	Contains hydrochloric acid. Contains surfactants.
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: 3

Flammability: 0

Instability: 0

HMIS: Health: 3

Flammability: 0

Reactivity: 0

Key:

Personal Protection Index = D.
(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:

When performing the required clean-up operation, wear the appropriate personal protective equipment such as impervious gloves and eye / face protection.

Small spills: Dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container.

Large spills: Contain and collect for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling:

DANGER!
CORROSIVE TO EYES AND SKIN!
Risk of serious damage to eyes.
Do not get in eyes, on skin or on clothing.
Wear eye / face protection.
Use with adequate ventilation.
May be harmful or fatal if swallowed.
See Section 4 for First Aid information.

Storage:

CORROSIVE!
Store in original container in areas inaccessible to small children and pets.
Do not store together with strong alkali materials.

KEEP OUT OF REACH OF CHILDREN

Incompatible products:

DO NOT mix with household chemicals, such as products containing ammonia, other toilet bowl cleaners, other acidic cleaners or other Lysol® products as hazardous gases may be released.
DO NOT allow to come in contact with any surfaces other than the toilet bowl.
Fumes are corrosive to metal.

EPA Registered Product:

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:

For occupational exposures, ensure adequate ventilation.

Personal Protective Equipment

Respiratory protection:

None required under normal use conditions.
Use in a well-ventilated area.
For occupational exposures, where exhaust ventilation is not adequate to control contaminant levels to below the regulatory TWA, appropriate acid gas or self-contained breathing apparatus (SCBA) respiratory equipment should be worn.
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:

CORROSIVE TO SKIN!
Causes skin burns.
Use rubber gloves, read label instructions carefully
Emergency responders should wear impermeable gloves.

Skin and body protection:

None required under normal recommended use conditions.
In case of continuous exposure or occupational operations, wear protective clothing designed and appropriate for acid chemical exposure.
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

Eye protection:

CORROSIVE TO EYES!
Risk of serious damage to the eyes.
Wear eye / face protection.
Read product label instructions carefully.

Hygiene measures:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.
Appearance: Clear. Thick liquid.
Colour: Blue.
Odour: Wintergreen
pH: <1.0 (Strong Acidic)
Flash point: Greater than 93° C (>200° F)
Specific gravity: 1.045
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 any other household chemicals such as chlorine bleach containing compounds as toxic vapors may be formed.
Fumes are corrosive to metal.
Conditions to avoid: Store away from excessive heat and moisture.

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: Corrosive liquid.
Causes skin damage.

Eye irritation: Corrosive liquid.
Risk of serious damage to eyes.

Inhalation Use only in a well ventilated area.
May be harmful if directly inhaled.

Ingestion May be harmful or fatal 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.

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: Because of pH change (Lower) when in water the possibility of danger to aquatic life exists.

Component Information:

HYDROCHLORIC ACID 30%
7647-01-0 (30-35)

Ecotoxicity: = 3.6 mg/L LC50 bluegill

Other information:

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

Additional ecological information:

Bulk quantities, if spilled, may be toxic to aquatic organisms, fish, birds and mammals. Control and clean up all exterior spills and prevent liquid from entering any streams, rivers, lakes and all other bodies of water.

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:	Wear appropriate personal protective equipment when cleaning or handling waste material. Small amounts of liquid waste: Wipe up with a wet paper towel and discard absorbed material in trash collection or flush waste to sink or sanitary sewer. Large quantities: Wearing appropriate personal protective equipment, collect and store in an appropriate container for disposal according to local, state, provincial and federal regulations.

14. TRANSPORT INFORMATION

UN / Id No: UN 1789

DOT:

Classification:	UN 1789, Hydrochloric Acid Solution, Class 8, PG II, Limited Quantity Rer-Classed as Consumer Commodity ORM-D
Proper shipping name:	Consumer Commodity
U.S. DOT - Hazard Class:	Not applicable.
Subsidiary risk:	Not applicable.
Packing Group:	Not applicable.
DOT RQ (lbs):	Not applicable.
ERG No:	157

TDG (Canada):

Classification:	UN 1789, Hydrochloric Acid Solution, Class 8, PG II, Limited Quantity Rer-Classed as Consumer Commodity / Limited Quantity
Proper shipping name:	Consumer Commodity
Status:	Not applicable.
Packing Group:	Not applicable.
WHMIS hazard class:	E Corrosive material

IMDG / IMO

Classification:	UN 1789, Hydrochloric Acid Solution, Class 8, PG II, Limited Quantity
Proper shipping name:	Hydrochloric Acid, Solution.
Class:	8
Subsidiary Risk:	Not applicable.
Packing group:	II
IMDG page:	See IMDG Code.
Marine pollutant:	Not applicable.
EMS:	F-A / S-B
MFAG:	Not applicable.
Maximum quantity:	See IMDG Code.

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: UN 1789 - Hydrochloric Acid solution, Class 8, PG II
Proper shipping name: Hydrochloric Acid Solution.
Class: 8
Subsidiary Risk: Not applicable
Packing Group: II
Maximum quantity: See DG List.

15. REGULATORY INFORMATION

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
HYDROCHLORIC ACID 30%						Present	Present	231-595-7
PEG-2 TALLOW AMINE						Present	AICS No. 310-94-1A	
GENAPOL 26-L-80						Present	Present	

U.S. Regulations:

Components: *HYDROCHLORIC ACID 30% - 7647-01-0*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None
Components: *PEG-2 TALLOW AMINE - 61791-26-2*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None
Components: *GENAPOL 26-L-80 - 68551-12-2*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None

Canada

WHMIS hazard class: E Corrosive material

16. OTHER INFORMATION

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



HMIS (U.S.A.):

Health Hazard	3
Fire Hazard	0
Reactivity	0
Personal Protection	D

Reason for revision: This is a new 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.
 Product Safety Department
 1 Philips Parkway
 Montvale, New Jersey 07646-1810 USA.
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 FAX: 201-476-7770.

Disclaimer:

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