



## PRODUCT SAFETY DATA SHEET

Print date: 19 Apr 2007

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 0085330

**Product name:** LYSOL® BRAND DISINFECTANT TOILET BOWL CLEANER, STAIN FIGHTER (LIQUID)

**Validation / Revision Date:** 19 April 2007

**EPA Identifier:** EPA Reg. Number: 777-81

**Formula Number:** 1200-066A (0085330)

**UPC Number and Size:** 19200-80705  
24 oz. HDPE Angle Neck plastic bottles.

**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:**

PARETH 25-9  
 68131-39-5  
 HYDROCHLORIC ACID 30%  
 7647-01-0  
 PEG-2 TALLOW AMINE  
 61791-26-2

Wt %	ACGIH:	OSHA:
1-5	None	None
40-45	Ceiling: 2 ppm @10	Ceiling: 5 ppm @10 Ceiling: 7 mg/m <sup>3</sup> @10
1-5	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

DANGER: CORROSIVE!

Causes irreversible eye damage and skin burns.

HARMFUL OR FATAL IF SWALLOWED!

DO NOT get in eyes, on skin or on clothing.

Wear protective eyewear (safety glasses / goggles / faceshield).

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Remove and wash contaminated clothing before re-use.

DO NOT breathe in vapors or fumes.

Contains Hydrochloric Acid.

Fumes are corrosive to metal.

DO NOT mix with bleach or other household chemicals as harmful fumes may result.

**KEEP OUT OF REACH OF CHILDREN**

### 4. FIRST AID MEASURES

**Inhalation:**

If inhaled, move person to fresh air. If person is NOT breathing, Call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or Doctor for further treatment advice.

**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:**

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. Get IMMEDIATE medical attention!

**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.  
 Contains surfactants.  
 Probable mucosal damage may contraindicate the use of gastric lavage .

**Aggravated Medical Conditions:**

No information available.

### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	CLOSED CUP: Higher than 93.3° C (>200° F). [Tagliabue].
<b>Flammability Limits in Air:</b>	
<b>Lower:</b>	No information available.
<b>Upper:</b>	No information available.
<b>Autoignition temperature:</b>	No information available.
<b>Suitable extinguishing media:</b>	As suitable for surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	No information available.
<b>Specific hazards:</b>	DANGER! CORROSIVE! Contains hydrochloric acid.
<b>Unusual hazards:</b>	None known
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.
<b>Specific methods:</b>	Standard procedure for chemical fires.

**NFPA:**    **Health:** 3                      **Flammability:** 0                      **Instability:** 1                      **Other data:** COR

**HMIS:**    **Health:** 3                      **Flammability:** 0                      **Reactivity:** 1

**Key:**                      Personal Protection Index = D.  
(Also see Sections 3 & 8)

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system.
<b>Methods for cleaning up:</b>	Wear personal protective equipment. 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

<b>Handling:</b>	DANGER! CORROSIVE TO EYES AND SKIN!
<b>Safe handling advice:</b>	Avoid contact with eyes, skin and clothing. Wear personal protective equipment (eye and skin) if contact with the liquid is possible.  Use only in well-ventilated areas. Read and follow product label instructions.
<b>Storage:</b>	Store containers in an upright position in a cool, dry area, inaccessible to small children and pets. KEEP OUT OF REACH OF CHILDREN

**Incompatible products:** Do not mix with chlorine bleach, strong alkali materials or other household chemicals.  
DO NOT allow to come in contact with any surfaces other than the toilet bowl.  
This product should not be used on or placed on toilet bowl lids, vanities, sinks, bathtubs, cabinets, counter tops, rugs, etc.  
Bases.  
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.  
Use in a well-ventilated area.  
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!  
Wear impervious gloves where the potential for contact with the liquid is possible.  
Read product label instructions carefully.  
Emergency responders should wear impermeable gloves.

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.

**Eye protection:** CORROSIVE TO EYES!  
Wear eye / face protection.  
If splashes are likely to occur wear chemical goggles.  
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.  
**Appearance:** Clear. Viscous.  
**Colour:** Blue.  
**Odour:** Wintergreen  
**pH:** No information available.  
**Flash point:** Greater than 93° C (>200° F)  
**Specific gravity:** 1.040-1.050  
**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:**

Small amounts of HCl (Hydrogen Chloride) vapors.  
Oxides of carbon and unknown organic compounds.

**Materials to avoid:**

Do not mix with other household chemicals. Incompatible with bases. Bleach.

**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.  
Avoid skin contact.

**Eye irritation:** Corrosive liquid.  
Avoid eye contact.

**Inhalation** Irritating to respiratory system  
Avoid breathing vapors.  
Use only in a well ventilated area.  
For occupational exposures, ensure adequate exhaust ventilation to control contaminant levels are below the TLV or PEL, or wear appropriate personal protective equipment (respirator).

**Ingestion** Contains hydrochloric acid.  
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:** Harmful to aquatic organisms if bulk quantities are spilled into a watersource.

**Component Information:**  
*HYDROCHLORIC ACID 30%*  
7647-01-0 (40-45)

**Ecotoxicity:** = 3.6 mg/L LC50 bluegill

**Other information:**

Ozone depletion potential; ODP; (R-11 = 1) =  
Global warming potential (GWP) =

No information available.  
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:**

Do not re-use empty containers.  
Dispose of empty container in household trash.

**Waste Disposal:**

Wear appropriate personal protective equipment when cleaning or handling waste material. Small quantities of waste liquid may be discharged into a sanitary sewer. Discard any absorbed material in trash collection. Rinse empty container thoroughly and discard in trash or recycle.  
Large quantities of waste liquid: Contain and collect for evaluation and disposal according to local, state, provincial and federal regulations.

**14. TRANSPORT INFORMATION**

**UN / Id No:**

**UN 1760**

**DOT:**

**Classification:**

UN 1760 - Corrosive Liquid, N.O.S. (Hydrochloric Acid, Hydroxyethyl Alkamine) Class 8, PG II  
Re-Classed as Consumer Commodity ORM-D.

**Proper shipping name:**  
**U.S. DOT - Hazard Class:**  
**Subsidiary risk:**  
**Packing Group:**  
**DOT RQ (lbs):**  
**ERG No:**

Consumer Commodity  
Not applicable.  
Not applicable.  
Not applicable.  
Not applicable.  
171 / 154

**TDG (Canada):**

**Classification:**

UN 1760 - Corrosive Liquid, N.O.S. (Hydrochloric Acid, Hydroxyethyl alkylamine) Class 8, PG II, Limited Quantity  
Re-Classed as Consumer Commodity

**Proper shipping name:**  
**Status:**  
**Packing Group:**  
**WHMIS hazard class:**

Consumer Commodity  
Not applicable.  
Not applicable.  
E Corrosive material

**IMDG / IMO**

**Classification:**

UN 1760 Corrosive Liquid, N.O.S., (Contains Hydrochloric Acid and Hydroxyethyl alkylamine), Class 8, PG II, Limited Quantity.

**Proper shipping name:**  
**Class:**  
**Subsidiary Risk:**  
**Packing group:**  
**IMDG page:**  
**Marine pollutant:**  
**EMS:**  
**MFAG:**  
**Maximum quantity:**

Corrosive Liquid, N.O.S., (Contains Hydrochloric Acid and Hydroxyethyl alkylamine)  
8  
Not applicable.  
II  
Not applicable.  
Not applicable.  
F-A / S-B  
See Guide.  
See DG List.

**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 1760 Corrosive Liquid, N.O.S., (Contains Hydrochloric Acid and Hydroxyethyl alkylamine), Class 8, PG II.  
**Proper shipping name:** Corrosive Liquid, N.O.S., (Contains Hydrochloric Acid and Hydroxyethyl alkylamine)  
**Class:** 8  
**Subsidiary Risk:** Not applicable  
**Packing Group:** II  
**Maximum quantity** See DG List and applicable packing instructions.

**15. REGULATORY INFORMATION**

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
PARETH 25-9					Present.	Present	Present	None.
HYDROCHLORIC ACID 30%						Present	Present	231-595-7
PEG-2 TALLOW AMINE						Present	AICS No. 310-94-1A	

**U.S. Regulations:**

**Components:** *PARETH 25-9 - 68131-39-5*  
**NJRTK:** Not Listed.  
**California Proposition 65 - CERCLA/SARA 313:** None.  
**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.

**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	1
Personal Protection	D

**Reason for revision:**

Revision of data and / or an update of the PSDS.

**Additional advice:**

This product should only be used as directed on the label and for the purpose intended.

**Prepared by:**

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