



Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	LYSOL® BRAND DISINFECTANT TOILET BOWL CLEANER, THICK FORMULA (LIQUID)	MSDS#	Not available.
Product Description	A disinfecting toilet bowl cleaner in a thick liquid formula.	Validation Date	8/9/2005
Manufacturer	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	Print Date	8/10/2005
Product Identifier	EPA Registration No. 777-81	In case of Emergency:	Telephone: 800-228-4722
Item Number	353846	Transportation Emergencies:	Chemtrec: 1-800-424-9300 (U.S. & Canada) Outside the U.S & Canada (North America), call: 703-527-3887
Formula Number	V15-1541 (F/F 353846)		
UPC Number	19200-02501 (16 oz.); 19200-02518 (16 oz.); 19200-02522 (24 oz.); 19200-76352 (24 oz.); 19200-03390 (30 oz.).		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) HYDROCHLORIC ACID	7647-01-0	9.5	CEIL: 7.5 (mg/m ³) from ACGIH (TLV)CEIL: 5 (ppm) from ACGIH (TLV)CEIL: 7.5 (mg/m ³) CEIL: 5 (ppm) from OSHA

Section 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. KEEP OUT OF REACH OF CHILDREN. Fumes are corrosive to metal.
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Section 4. First Aid Measures

Eye Contact	If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five (5) minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.
Skin Contact	In case of skin contact, IMMEDIATELY flush exposed area with plenty of water for at least 15-20 minutes. Remove any contaminated clothing and wash thoroughly with soap and water before re-wearing. Call a poison control center or doctor for treatment advice.
Inhalation	Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.
Ingestion	If swallowed, call 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. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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Section 5. Fire and Explosion Data

Flammability	Not flammable. See Section 14 for any Shipping Classifications.
Flash Point	CLOSED CUP: Higher than 93.3°C (>200°F). (Tagliabue.).
Explosive Limits in Air	Not available.
Products of Combustion	Not available.
Fire and Explosion Hazards	None known.
Fire Fighting Media and Instructions	Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire.
Special Fire Fighting Instructions	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a typical chemical fire.

Section 6. Accidental Release Measures

Accidental Spill	Small spills: Wearing gloves, clean up small spills and drips immediately with wet paper towels or an absorbent material and wash surface with water. Discard waste in an appropriate container as household waste. Large spills: Uncontrolled releases of concentrated product in situations other than normal use (as directed) should be contained, collected and evaluated for disposal according to local, state and federal hazardous waste regulations. Appropriate personal protective equipment should be worn by clean-up personnel.
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Section 7. Handling and Storage

Handling and Storage	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. Store in original container out of reach of small children and pets. Keep securely closed in a cool, well-ventilated area. Do not reuse empty container. Discard in trash. KEEP OUT OF REACH OF CHILDREN. It is a violation of federal law to use this product in a manner inconsistent with its labeling.
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	None normally required.
Eye Protection	The use of eye protection is recommended when handling this product. Avoid eye contact. Emergency responders should wear full eye and face protection.
Skin Protection	The use of impermeable gloves is recommended when handling this product. Avoid skin contact. Emergency responders should wear impermeable gloves.
Respiratory Protection	Emergency responders should wear suitable respiratory protection where long term exposure to vapors from large areas of spilled liquid is possible such as a major spill, a fire or a clean-up operation.
Other Protection	Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.
Work/Hygienic Practices	Wash thoroughly with soap and water after handling.

Section 9. Physical and Chemical Properties

Description	Clear viscous liquid.	Odor	Wintergreen.
pH	<1 [Acidic.]	Color	Blue.
Boiling/Condensation Point	Not determined.		
Specific Gravity	1.045		
Vapor Pressure	Not determined.		
Vapor Density	Not determined.		
Viscosity	Not available.		
Solubility	Complete.		
Physical Chemical Comments	Not available.		

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Do not mix with chlorine bleach or any other chemical products. Fumes are corrosive to metal.
Hazardous Decomposition Products	May evolve small amounts of hydrochloric acid fumes.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Exposure effects

Eye Contact	This product is corrosive. Contact could result in permanent eye injury. Do not get in eyes.
Skin Contact	Product is corrosive, produces chemical burns. Do not get on skin.
Inhalation	Vapors may be irritating to the respiratory tract. Do not breathe vapors or fumes.
Ingestion	May be fatal if swallowed. May cause burns to mouth, throat and stomach.
Carcinogenicity	Not listed as carcinogenic by OSHA, NTP or IARC.

Section 12. Ecological Information

Ecotoxicity	Not available.
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Section 13. Disposal Considerations

Waste Disposal Dispose of in accordance with local, state, and federal regulations. Container disposal: Do not reuse empty container. Discard empty container in trash or rinse and recycle if appropriate.

Section 14. Transport Information

DOT Classification	ORM-D	
Proper Shipping Name	Consumer Commodity	
DOT Identification Number	Not applicable.	
Packing Group	Not applicable.	
Maritime Transportation	Not applicable.	
Hazardous Substances Reportable Quantity	Not applicable.	
Special Provisions for Transport	Not applicable.	
TDG Classification	Consumer Commodity / Limited Quantity, Transborder Consignment.	
ADR Classification	Not applicable.	
IMDG Classification	UN 1789 - Hydrochloric acid solution, Class 8, PG II - Limited Quantity.	
IATA Classification	UN 1789 - Hydrochloric acid solution, Class 8, PG II	

Section 15. Regulatory Information

Federal and State Regulations SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting:
1) HYDROCHLORIC ACID CAS #: 7647-01-0 9.5 %
California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act:
None

Other Classifications	WHMIS (Canada) CLASS E: Corrosive liquid.
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Section 16. Other Information

HMIS (U.S.A.)

Health Hazard	3
Fire Hazard	0
Reactivity	1
Personal Protection	D

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



NFPA Aerosol Level	Not applicable.
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Validated by Product Safety on 8/9/2005.

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**LYSOL® BRAND DISINFECTANT TOILET
BOWL CLEANER, THICK FORMULA
(LIQUID)**

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