

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	LYSOL® BRAND I.C.™ QUATERNARY DISINFECTANT CLEANER (CONCENTRATE)	MSDS#	Not available.
Product Description	Concentrated quaternary ammonium disinfectant, deodorizing and cleaning product used in a 1:256 dilution for hard, non-porous, inanimate surfaces..	Validation Date	3/18/2004
Manufacturer	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	Print Date	3/23/2004
Product Identifier	EPA Reg. No. 47371-129-675	In case of Emergency:	Telephone: 800-677-9218 (Professional Products)
Item Number	366519	Transportation Emergencies:	Chemtrec: 1-800-424-9300 (U.S. & Canada) Outside the U.S & Canada (North America), call: 703-527-3887
Formula Number	HWS-256-5210P		
UPC Number	36241-74983 (1 gallon, 3.79 liters).		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	10.14	Not available.
2) ALKYL (C12-C16) DIMETHYL BENZYL AMMONIUM CHLORIDES	68424-85-1	6.76	Not available.
3) SODIUM HYDROXIDE	1310-73-2	1-3	CEIL: 2 (mg/m ³) from ACGIH (TLV) [United States] TWA: 2 (mg/m ³) from OSHA OSHA (PEL) [United States]

Section 3. Hazards Identification

Emergency Overview	DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. When handling product protect eyes by wearing goggles or face shield and protect skin by wearing rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. KEEP OUT OF REACH OF CHILDREN.
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Section 4. First Aid Measures

Eye Contact	In case of eye contact, IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. Get immediate medical attention.
Skin Contact	In case of skin contact, immediately flush exposed area with plenty of water for at least 15 minutes. Remove any contaminated clothing and wash thoroughly with soap and water. Get immediate medical attention if irritation persists.
Inhalation	Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.

Ingestion	<p>DO NOT induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Immediately call a physician or poison control center.</p> <p>Do not induce vomiting or give anything by mouth to an unconscious person.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.</p>
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Section 5. Fire and Explosion Data

Flammability	See Section 14 for any Shipping Classifications.
Flash Point	CLOSED CUP: 71.111°C (160°F). (Tagliabue).
Explosive Limits in Air	Not available.
Products of Combustion	Thermal decomposition products may yield carbon monoxide, carbon dioxide, ammonia, nitrous oxide and hydrogen chloride.
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	<p>Small spills: Dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container. Do not contaminate food, feed or water.</p> <p>Large spills: Dike and contain liquid, pump to containers or soak up on inert absorbent. Flush residue to sewer with large amount of water.</p>
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Section 7. Handling and Storage

Handling and Storage	<p>DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. When handling product, protect eyes by wearing goggles or face shield and protect skin by wearing rubber gloves. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. KEEP OUT OF REACH OF CHILDREN!</p> <p>STORAGE: Keep product under locked storage, inaccessible to children. Do not contaminate water, food or feed by storage or disposal. Ocean dumping is prohibited. Do not reuse empty container. Read and follow direction on product label carefully!</p> <p>It is a violation of federal law to use this product in a manner inconsistent with its labeling.</p>
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	Use with adequate ventilation.
Eye Protection	Avoid contact with eyes. The use of chemical goggles or full face shield is recommended when handling. Emergency responders should wear full eye and face protection.
Skin Protection	Avoid skin contact. Skin irritant, wear rubber or other type of impervious gloves. Emergency responders should wear impermeable gloves.
Respiratory Protection	None required under normal use conditions.
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 hands with soap and water after use. Remove and wash any contaminated clothing and clean shoes before reuse.

Section 9. Physical and Chemical Properties

Description	Liquid.	Odor	Mild
pH	7.7 [Basic.]	Color	Amber.
Boiling/Condensation Point	100°C (212°F)		
Specific Gravity	1 (Water = 1)		
Vapor Pressure	17.5 mm of Hg (@ 20°C)		
Vapor Density	1 (Air = 1)		
Viscosity	Not available.		
Solubility	Easily soluble in cold water.		
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	None known.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Exposure effects

Eye Contact	Corrosive. Causes irreversible eye damage.
Skin Contact	Causes burns to skin on contact.
Inhalation	No adverse effects expected.
Ingestion	Harmful or fatal if swallowed. Concentrate causes irritation or burns to throat or stomach.
Carcinogenicity	Not listed as carcinogenic by OSHA, NTP or IARC.

Section 12. Ecological Information

Ecotoxicity	ENVIRONMENTAL HAZARD: See section 13.
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Section 13. Disposal Considerations

Waste Disposal ENVIRONMENTAL HAZARD: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewerage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse empty container. Rinse thoroughly, securely wrap in several layers of newspapers, and discard empty container in trash.

Section 14. Transport Information

DOT Classification	Not regulated by DOT (United States).	
Proper Shipping Name	Not applicable.	
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	Not regulated by TDG.	
ADR Classification	Not applicable.	
IMDG Classification	Not regulated by IMDG.	
IATA Classification	Not regulated by IATA.	

Section 15. Regulatory Information

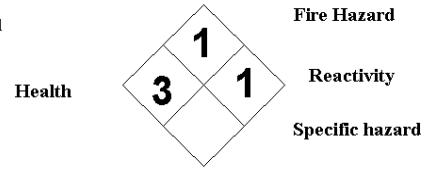
Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: None California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: None	
Other Classifications	WHMIS (Canada)	Not a WHMIS controlled product.
New Jersey Right-To-Know Regulation:	NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW ACT: This EPA Registered Product is exempt from the labeling requirements of the above act. N.J.A.C. 8:59-5.5 #1.	

Section 16. Other Information

HMIS (U.S.A.)

Health Hazard	3
Fire Hazard	1
Reactivity	1
Personal Protection	D

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



NFPA Aerosol Level

Not applicable.

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Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.