

Section 1. Product and Company Identification

Product Name	PROFESSIONAL LYSOL® BRAND DISINFECTANT PINE ACTION® CLEANER CONCENTRATE	MSDS#	Not available.
Product Description	Professional strength liquid disinfectant cleaner with a Pine scent to disinfect and deodorize most hard surfaces.	Validation Date	4/8/2004
Manufacturer	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	Print Date	4/8/2004
Product Identifier	EPA Reg. No. 777-75-675	In case of Emergency:	Telephone: 800-677-9218 (Professional Products)
Item Number	36241-02814-05	Transportation Emergencies:	Chemtrec: 1-800-424-9300 (U.S. & Canada) Outside the U.S & Canada (North America), call: 703-527-3887
Formula Number	417-080B (F/F 358154)		
UPC Number	36241-02814 (1 gallon).		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) PINE OIL	8002-09-3	9.0	Not available.
2) ISOPROPYL ALCOHOL	67-63-0	12.0	TWA: 983 STEL: 1230 (mg/m ³) from ACGIH (TLV) TWA: 400 STEL: 500 (ppm) from ACGIH (TLV) TWA: 980 STEL: 1230 (mg/m ³) from OSHA TWA: 400 (ppm) from OSHA
3) ALCOHOL ETHOXYLATE	68551-12-2	6.0	Not available.
4) ALKYL (C12-C16) DIMETHYL BENZYL AMMONIUM CHLORIDE	68424-85-1	0.83	Not available.

Section 3. Hazards Identification

Emergency Overview WARNING: Flammable Liquid. Causes eye and skin irritation. Avoid contact with eyes and skin. Avoid food contamination. KEEP OUT OF REACH OF CHILDREN.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with water. Remove any contact lenses and continue to flush eyes with water for 15 minutes. If irritation persists, get medical attention.
Skin Contact	In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.
Inhalation	None normally required. Remove to fresh air.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth and drink a glass of water. Get medical attention. NEVER give an unconscious person anything to ingest.

Section 5. Fire and Explosion Data

Flammability	Flammable. See Section 14 for any Shipping Classifications.
Flash Point	CLOSED CUP: 29.444°C (85°F). (Tagliabue).
Explosive Limits in Air	Not available.
Products of Combustion	Not available.
Fire and Explosion Hazards	Keep away from heat, sparks or open flame.
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 chemical fire.

Section 6. Accidental Release Measures

Accidental Spill	Small spills: Soak up with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer. Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments. Collect liquid and store in metal containers for disposal according to local, state or federal regulations.
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Section 7. Handling and Storage

Handling and Storage	WARNING: Flammable liquid. Keep away from heat, sparks and open flame. Causes eye irritation. May cause skin irritation. Avoid contact with eyes and skin. Avoid contamination of food. Store in original container in a secure, cool, dry area inaccessible to small children. 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 required. For occupational situations, use sufficient ventilation to keep hazardous ingredients below their Threshold Limit Values (see Section #2).
Eye Protection	Eye irritant, wear eye protection if the possibility of splashing exists. When handling in large, bulk quantities or responding to emergency situations, the use of appropriate eye protection is recommended. Emergency responders should wear full eye and face protection.
Skin Protection	Avoid skin contact. For sensitive skin or prolonged use, wear rubber gloves. Emergency responders should wear impermeable gloves.
Respiratory Protection	None required under normal use conditions. Emergency responders should wear suitable respiratory protection where long term exposure to 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 liquid.	Odor	Pine.
pH	6.5 [Acidic.]	Color	Amber-brown.
Boiling/Condensation Point	Not determined.		
Specific Gravity	0.974		
Vapor Pressure	Not determined.		
Vapor Density	Not determined.		
Viscosity	Not available.		
Solubility	Miscible in water.		
Physical Chemical Comments	Not available.		

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	Excessive temperatures. Keep away from heat and open flame.
Incompatibility with Various Substances	None known.
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide and other unidentified organic compounds may be formed during incomplete combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Exposure effects

Eye Contact	Causes eye irritation. Avoid contact with eyes.
Skin Contact	May cause skin irritation. Avoid contact with skin.
Inhalation	None expected.
Ingestion	Will cause gastrointestinal tract irritation.
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. When empty, wrap and put in trash or rinse and recycle if appropriate.

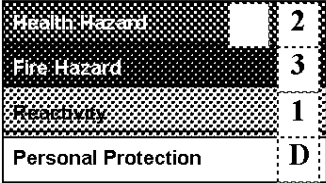
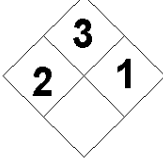
Section 14. Transport Information

DOT Classification	Consumer Commodity, 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 / LTD. QTY.	
ADR Classification	Not applicable.	
IMDG Classification	Flammable liquid, n.o.s. (Contains Isopropyl Alcohol, Pine Oil) Class 3, UN1993, PG III - Limited Quantity. [FP - 29.444°C]	
IATA Classification	Flammable liquids, n.o.s. (Contains Isopropyl Alcohol, Pine Oil) Class 3, UN1993, PG III, Limited Quantity.	

Section 15. Regulatory Information

Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: 1) ISOPROPYL ALCOHOL Not available. 12 Not avai 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.)		National Fire Protection Association (U.S.A.)	
		NFPA Aerosol Level	Not applicable.

**PROFESSIONAL LYSOL® BRAND
DISINFECTANT PINE ACTION® CLEANER
CONCENTRATE**

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