



Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	PROFESSIONAL LYSOL® BRAND DISINFECTANT PINE ACTION CLEANER	MSDS#	Not available.
Product Description	Liquid Disinfectant Cleaner	Validation Date	4/20/2000
Manufacturer	Reckitt Benckiser Inc. 1655 Valley Road Wayne, N.J. 07474	Print Date	1/15/2001
Product Identifier	EPA Reg. No. 777-75-675	In case of Emergency:	Telephone: 800-677-9218 (Professional Products)
Item Number	36241-02814-03	Transportation Emergencies:	Chemtrec: 800-424-9300
Formula Number	417-080A (358154)		
UPC Number	36241-02814 (1 gal.), 36241-02855 (55 gal.)		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) PINE OIL 2) ISOPROPYL ALCOHOL	8002-09-3 67-63-0	9.0 12.0	Not available. 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

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.
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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.

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	None known.

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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. Large spills should be diked, contained and collected for later 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.
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.
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	Washing with soap and water after use is recommended as good hygienic practice to prevent possible skin irritation.

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		
Physical Chemical Comments	Not available.		

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Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	Excessive temperatures.
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.
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Section 14. Transport Information

DOT Classification	36241-02814 ONLY: ORM-D 36241-02855 ONLY: Flammable liquid (3)	
Proper Shipping Name	36241-02814 ONLY: Consumer Commodity 36241-02855 ONLY: Flammable liquid, n.o.s. (contains Isopropyl Alcohol, Pine Oil)	
DOT Identification Number	36241-02814 ONLY: Not applicable 36241-02855 ONLY: UN1993	
Packing Group	36241-02814 ONLY: Not applicable 36241-02855 ONLY: III	
Maritime Transportation	Not available.	
Hazardous Substances Reportable Quantity	Not available.	
Special Provisions for Transport	ORM-D: For US Domestic Shipments Only ERG#128	

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TDG Classification	36241-02814 ONLY: Consumer Commodity - Transborder Consignment 36241-02855 ONLY: Flammable liquid, n.o.s. (contains Isopropyl Alcohol, Pine Oil) 3, NA1993, III Transborder Consignment
ADR Classification	Not available.
IMDG Classification	36241-02814 ONLY: Flammable liquid, n.o.s. (contains Isopropyl Alcohol, Pine Oil) class 3, UN1993, III-LTD QTY 36241-02855 ONLY: Flammable liquid, n.o.s. (contains Isopropyl Alcohol, Pine Oil) class 3, UN1993, III
IATA Classification	36241-02814, ONLY: Flammable liquid, n.o.s. (contains Isopropyl Alcohol, Pine Oil) 3, UN1993, III 36241-02855 ONLY: Flammable liquid, n.o.s. (contains Isopropyl Alcohol, Pine Oil) 3, UN1993, III-CARGO AIRCRAFT ONLY

Section 15. Regulatory Information

Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting:			
	1) ISOPROPYL ALCOHOL	CAS #: 67-63-0	12	%
	California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: 1) Not available.			
Other Classifications	WHMIS (Canada)	Not a WHMIS controlled product.		

Section 16. Other Information

HMIS (U.S.A.)	Health Hazard 2	National Fire Protection Association (U.S.A.)	Health 3 2 1 Fire Hazard Reactivity Specific hazard
	Fire Hazard 3		
	Reactivity 1		
	Personal Protection a		
		NFPA Aerosol Level	Not applicable.
Validated by Product Safety on 4/20/2000.		Printed 1/15/2001.	

Notice to Reader

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