



# Material Safety Data Sheet

## Section 1. Product and Company Identification

<b>Product Name</b>	<b>PROFESSIONAL LYSOL® BRAND DISINFECTANT PINE ACTION CLEANER</b>	<b>MSDS#</b>	Not available.
<b>Product Description</b>	Liquid Disinfectant Cleaner	<b>Validation Date</b>	<b>4/20/2000</b>
<b>Manufacturer</b>	Reckitt Benckiser Inc. 1655 Valley Road Wayne, N.J. 07474	<b>Print Date</b>	1/15/2001
<b>Product Identifier</b>	EPA Reg. No. 777-75-675	<b>In case of Emergency:</b>	Telephone: 800-677-9218 (Professional Products)
<b>Item Number</b>	36241-02814-03	<b>Transportation Emergencies:</b>	Chemtrec: 800-424-9300
<b>Formula Number</b>	417-080A (358154)		
<b>UPC Number</b>	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 <sup>3</sup> ) from ACGIH (TLV) TWA: 400 STEL: 500 (ppm) from ACGIH (TLV) TWA: 980 STEL: 1230 (mg/m <sup>3</sup> ) from OSHA TWA: 400 (ppm) from OSHA

## Section 3. Hazards Identification

<b>Emergency Overview</b>	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

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.
<b>Inhalation</b>	None normally required. Remove to fresh air.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth and drink a glass of water. Get medical attention.

## Section 5. Fire and Explosion Data

<b>Flammability</b>	Flammable. See Section 14 for any Shipping Classifications.
<b>Flash Point</b>	CLOSED CUP: 29.444°C (85°F). (Tagliabue).
<b>Explosive Limits in Air</b>	Not available.
<b>Products of Combustion</b>	Not available.
<b>Fire and Explosion Hazards</b>	None known.

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<b>Fire Fighting Media and Instructions</b>	Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire.
<b>Special Fire Fighting Instructions</b>	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.

**Section 6. Accidental Release Measures**

<b>Accidental Spill</b>	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**

<b>Handling and Storage</b>	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**

<b>Ventilation Requirements</b>	None required.
<b>Eye Protection</b>	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.
<b>Skin Protection</b>	Avoid skin contact. For sensitive skin or prolonged use, wear rubber gloves. Emergency responders should wear impermeable gloves.
<b>Respiratory Protection</b>	None required.
<b>Other Protection</b>	Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.
<b>Work/Hygienic Practices</b>	Washing with soap and water after use is recommended as good hygienic practice to prevent possible skin irritation.

**Section 9. Physical and Chemical Properties**

<b>Description</b>	Clear liquid.	<b>Odor</b>	Pine.
<b>pH</b>	6.5 [Acidic.]	<b>Color</b>	Amber-brown.
<b>Boiling/Condensation Point</b>	Not Determined		
<b>Specific Gravity</b>	0.974		
<b>Vapor Pressure</b>	Not Determined		
<b>Vapor Density</b>	Not Determined		
<b>Viscosity</b>	Not available.		
<b>Solubility</b>	Miscible		
<b>Physical Chemical Comments</b>	Not available.		

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**Section 10. Stability and Reactivity Data**

<b>Chemical Stability</b>	The product is stable.
<b>Conditions of Instability</b>	Excessive temperatures.
<b>Incompatibility with Various Substances</b>	None Known
<b>Hazardous Decomposition Products</b>	Carbon dioxide, carbon monoxide and other unidentified organic compounds may be formed during incomplete combustion.
<b>Hazardous Polymerization</b>	Will not occur

**Section 11. Toxicological Information**

**Exposure effects**

<b>Eye Contact</b>	Causes eye irritation. Avoid contact with eyes.
<b>Skin Contact</b>	May cause skin irritation. Avoid contact with skin.
<b>Inhalation</b>	None expected.
<b>Ingestion</b>	Will cause gastrointestinal tract irritation.
<b>Carcinogenicity</b>	Not listed as carcinogenic by OSHA, NTP or IARC.


**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
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**Section 13. Disposal Considerations**

<b>Waste Disposal</b>	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**

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

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<b>TDG Classification</b>	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
<b>ADR Classification</b>	Not available.
<b>IMDG Classification</b>	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
<b>IATA Classification</b>	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**

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

**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.*