

Section 1. Product and Company Identification

Product Name	PROFESSIONAL LYSOL® BRAND ALL PURPOSE CLEANER PLUS BLEACH	MSDS#	Not available.
Product Description	All purpose cleaner with bleach.	Validation Date	2/5/2002
Manufacturer	Reckitt Benckiser Inc. 1655 Valley Road Wayne, N.J. 07474	Print Date	2/5/2002
Product Identifier	Not available.	In case of Emergency:	Telephone: 800-677-9218 (Professional Products)
Item Number	355389	Transportation Emergencies:	Chemtrec: 800-424-9300
Formula Number	221-034 (F/F 355389)		
UPC Number	36241-94501 (1 gal.), 36241-94532 (32 oz. trigger).		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) SODIUM HYDROXIDE	1310-73-2	0.3	CEIL: 2 (mg/m ³) from ACGIH (TLV) TWA: 2 (mg/m ³) from OSHA
2) SODIUM HYPOCHLORITE	7681-52-9	2.5	Not available.

Section 3. Hazards Identification

Emergency Overview	WARNING: Eye and skin irritant. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Odors may irritate. Use only in well ventilated areas. Avoid prolonged breathing of vapors. 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 flushing eyes for at least 15 minutes. Get medical attention immediately.
Skin Contact	Immediately wash with plenty of soap and water. If irritation persists get medical attention.
Inhalation	If breathing is affected, get fresh air immediately.
Ingestion	If swallowed, rinse mouth and drink a glass of water. Get prompt medical attention.

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	Acid and heat accelerate decomposition. Decomposition products may include chlorine.

Continued on Next Page

**PROFESSIONAL LYSOL® BRAND ALL
PURPOSE CLEANER PLUS BLEACH**

Page Number: 2

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 typical for fighting a chemical fire.

Section 6. Accidental Release Measures

Accidental Spill	Small spills may be flushed to sink or sanitary sewer with large quantities of water. Large spills should be diked, contained and collected for proper disposal according to local, state and federal regulations.
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Section 7. Handling and Storage

Handling and Storage	WARNING: Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Odors may irritate. Use only in well ventilated areas. Avoid prolonged breathing of vapors. Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema or obstructive lung disease. Harmful if swallowed. Apply carefully, this product contains bleach. For sensitive skin or prolonged use, wear gloves. Do not mix with other household chemicals, such as products containing ammonia, toilet bowl cleaners, vinegars, or acidic cleaners or with other Lysol® Brand products as hazardous gases may be released. Avoid contact with clothes, fabric, carpet, wood, rubber, painted and paper surfaces, and finished floors. Rinse immediately after use on metal to avoid pitting or discoloration. Prolonged contact with metal, old porcelain, wood, Formica®, quarry tile and marble may cause discoloration. STORAGE: Store in original containers in an upright position in a cool, well ventilated area inaccessible to children and pets. Keep container securely closed when not in use. Do not reuse empty container. Apply carefully. This product contains bleach. KEEP OUT OF REACH OF CHILDREN.
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	Use only in well ventilated areas.
Eye Protection	Do not get in eyes. The use of appropriate eye protection is recommended. Emergency responders should wear full eye and face protection.
Skin Protection	Do not get on skin or clothing. For sensitive skin or prolonged use, wear impervious (rubber) gloves. Emergency responders should wear impermeable gloves.
Respiratory Protection	Avoid prolonged breathing of vapor. 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	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	Chlorinated odor.
pH	12.4 [Basic.]	Color	Light straw.
Boiling/Condensation Point	Not determined.		
Specific Gravity	1.045 @ 25°C		
Vapor Pressure	Not determined.		
Vapor Density	Not determined.		
Viscosity	Not available.		

Continued on Next Page

**PROFESSIONAL LYSOL® BRAND ALL
PURPOSE CLEANER PLUS BLEACH****Page Number: 3****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 use or mix with other household chemicals, such as products containing ammonia, toilet bowl cleaners, vinegars, or acidic cleaners or with other Lysol® Brand Products as hazardous gases may be released.**Hazardous Decomposition Products** May generate chlorine or oxygen.**Hazardous Polymerization** Will not occur.**Section 11. Toxicological Information****Exposure effects****Eye Contact** Causes eye irritation.**Skin Contact** Causes skin irritation.**Inhalation** Odors may irritate.**Ingestion** Harmful if swallowed.**Carcinogenicity** Not listed as carcinogenic by OSHA, NTP or IARC.**Section 12. Ecological Information****Ecotoxicity** Not available.**Section 13. Disposal Considerations****Waste Disposal** Dispose of in accordance with local, state and federal regulations.**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** ORM-D: For US Domestic Shipments Only.**TDG Classification** Consumer Commodity - Transborder Consignment.**Continued on Next Page**

**PROFESSIONAL LYSOL® BRAND ALL
PURPOSE CLEANER PLUS BLEACH**

Page Number: 4

ADR Classification	Not applicable.
IMDG Classification	36241-94552 - Corrosive liquid, basic, inorganic n.o.s. (Sodium Hydroxide, Sodium Hypochlorite) Class 8, UN3266, PG III - Limited Quantity. 36241-94501 - Do Not Ship - Does not meet IMDG requirements.
IATA Classification	36241-94532 - Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide, Sodium Hypochlorite) Class 8, UN3266, PG III - Limited Quantity. 36241-94501- Do Not Ship - Does not meet IATA requirements.

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) CLASS E: Corrosive liquid.
New Jersey Right-To-Know Regulation:	WATER CAS #: 7732-18-5 SODIUM HYPOCHLORITE CAS #: 7681-52-9 SODIUM HYDROXIDE CAS #: 1310-73-2 SODIUM CHLORIDE CAS #: 7647-14-5 LAURAMINE OXIDE CAS #: 1643-20-5

Section 16. Other Information

HMIS (U.S.A.)	<table><tr><td>Health Hazard</td><td>2</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>1</td></tr><tr><td>Personal Protection</td><td>D</td></tr></table>	Health Hazard	2	Fire Hazard	0	Reactivity	1	Personal Protection	D	National Fire Protection Association (U.S.A.)	Health 0 2 1 Fire Hazard Reactivity Specific hazard
Health Hazard	2										
Fire Hazard	0										
Reactivity	1										
Personal Protection	D										
		<u>NFPA Aerosol Level</u>	Not applicable.								
Validated by Product Safety on 2/5/2002.		Printed 2/5/2002.									

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