

Material Safety Data Sheet

Material Name: Professional Lysol® Brand III Disinfectant Spray, All Scents (Aerosol)

*** Section 1 - Chemical Product and Company Identification ***

Distributor Information

Uline
2200 S. Lakeside Dr
Waukegan, IL 60085

Phone: 847-473-3000
Fax: 847-473-5157

*** Section 2 - Hazards Identification ***

Emergency Overview

Flammable. Contents Under Pressure. Containers may explode when heated. Eye and skin irritant.

Potential Health Effects: Eyes

May cause irritation.

Potential Health Effects: Skin

May cause irritation.

Potential Health Effects: Ingestion

Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

Potential Health Effects: Inhalation

May cause irritation.

HMIS Ratings: Health: 1 Fire: 3 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
64-17-5	Ethyl alcohol	55-60
74-98-6	Propane	3-4
75-28-5	Isobutane	3-4
68989-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one 1,1-dioxide (1:1)	0-1

*** Section 4 - First Aid Measures ***

First Aid: Eyes

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing. Call a Poison Control Center or doctor for treatment advice

First Aid: Skin

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

First Aid: Ingestion

Call a physician or Poison Control Centre immediately. Rinse mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING!

First Aid: Inhalation

Move to fresh air.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

Contents under pressure. Exposure to temperatures above 55° C (130° F) may cause bursting. Keep away from extreme heat, sparks or open flame.

Hazardous Combustion Products

Oxides of carbon and unknown organic compounds.

Extinguishing Media

Water spray mist or foam. As suitable for surrounding fire.

Specific Hazards Arising From the Chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.

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Fire Fighting Equipment/Instructions

Self-contained breathing apparatus should be used if product is involved in fire.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Clean-Up Procedures

Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

Evacuation Procedures

Keep unnecessary personnel away.

Special Procedures

None

*** Section 7 - Handling and Storage ***

Handling Procedures

Use with adequate ventilation. Contents under pressure. DO NOT puncture or incinerate. DO NOT expose to heat or store above 55° C (130° F), as container may burst.

Storage Procedures

Keep away from heat and sources of ignition. Store in original container in areas inaccessible to small children and pets.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Ethyl alcohol (64-17-5)

ACGIH: 1000 ppm TWA
OSHA: 1000 ppm TWA; 1900 mg/m3 TWA
NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA

Propane (74-98-6)

ACGIH: 1000 ppm TWA (listed under Aliphatic hydrocarbon gases alkane C1-C4)
OSHA: 1000 ppm TWA; 1800 mg/m3 TWA
NIOSH: 1000 ppm TWA; 1800 mg/m3 TWA

Isobutane (75-28-5)

ACGIH: 1000 ppm TWA (listed under Aliphatic hydrocarbon gases alkane C1-C4)
NIOSH: 800 ppm TWA; 1900 mg/m3 TWA

Engineering Controls

For occupational exposures, ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Not required under normal conditions of use. Emergency responders should wear full eye and face protection.

Personal Protective Equipment: Skin

Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.

Personal Protective Equipment: Respiratory

No personal respiratory protective equipment normally required. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

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*** Section 9 - Physical & Chemical Properties ***

Appearance:	Clear, water white	Odor:	Scent Specific
Physical State:	Liquid	pH:	10.5
Vapor Pressure:	95-105 psig	Vapor Density:	ND
Boiling Point:	ND	Melting Point:	ND
Solubility (H2O):	Complete	Specific Gravity:	1.0
Evaporation Rate:	ND	VOC:	ND
Percent Volatile:	ND	Octanol/H2O Coeff.:	ND
Flash Point:	65.5°F (18.6°C)	Flash Point Method:	ND
Upper Flammability Limit (UFL):	19	Lower Flammability Limit (LFL):	3.3
Burning Rate:	ND	Auto Ignition:	ND

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Keep away from open flames, hot surfaces and sources of ignition. Pressurised container. Protect from the sunlight and do not expose to temperatures exceeding 55° C (130° F). Extremes of temperature can occur in cars and near ovens and fireplaces. Do not place in contact with hot surfaces or near naked flames. Do not pierce or burn even after use. Do not spray on a naked flame, onto or near fire, or any incandescent material such as an electric fire.

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition

Oxides of carbon and unknown organic compounds.

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

Component Analysis - LD50/LC50

Ethyl alcohol (64-17-5)

Oral LD50 Rat: 7060 mg/kg

Propane (74-98-6)

Inhalation LC50 Rat: 658 mg/L/

Isobutane (75-28-5)

Inhalation LC50 Rat: 658 mg/L/4H

Carcinogenicity

Component Carcinogenicity

Ethyl alcohol (64-17-5)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

*** Section 12 - Ecological Information ***

Ecotoxicity

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Component Analysis - Ecotoxicity - Aquatic Toxicity

Ethyl alcohol (64-17-5)

Test & Species		Conditions
96 Hr LC50 Oncorhynchus mykiss	12900 mg/L [flow-through]	30 days old
96 Hr LC50 Pimephales promelas	14.2 mg/L	
5 min EC50 Photobacterium phosphoreum	35470 mg/L	
30 min EC50 Photobacterium phosphoreum	34634 mg/L	
48 Hr EC50 Daphnia magna	9268 mg/L	
24 Hr EC50 Daphnia magna	10800 mg/L	

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Consumer Commodity, ORM-D

*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes	Yes
Propane	74-98-6	No	Yes	Yes	Yes	Yes	Yes
Isobutane	75-28-5	No	Yes	No	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Canadian WHMIS Information

A: General Product Information

B5 Flammable aerosol

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B: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Ethyl alcohol	64-17-5	0.1 %

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Ethyl alcohol	64-17-5	Yes	DSL	EINECS
Propane	74-98-6	Yes	DSL	EINECS
Isobutane	75-28-5	Yes	DSL	EINECS
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one 1,1-dioxide (1:1)	68989-01-5	Yes	NDSL	EINECS

* * * Section 16 - Other Information * * *

Other Information

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.

Key/Legend

NA - Not Applicable
ND - Not Determined
ACGIH - American Conference of Governmental Industrial Hygienists
OSHA - Occupational Safety and Health Administration
TLV - Threshold Limit Value
PEL - Permissible Exposure Limit
TWA - Time Weighted Average
STEL - Short Term Exposure Limit
NTP - National Toxicology Program
IARC - International Agency for Research on Cancer