

# Safety Data Sheet

## 1. Identification

<b>Product Information.</b>	118224, 109158
<b>Product Name:</b>	Mediclean Germicidal Cleaner Concentrate Lemon
<b>Recommended Use.</b>	Disinfectant
<b>Uses advised against.</b>	No information available
<b>Supplier.</b>	Legend Brands ProRestore Products 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030  Legend Brands 4520 Eastgate Parkway Mississauga, ON L4W 3W6 800-932-3030
<b>Emergency telephone number.</b>	INFOTRAC 1-800-535-5053 (North America) +1-352-323-3500 (International)

## 2. Hazards Identification

### GHS Classification in accordance with 29 CFR 1910.1200

Skin Corrosion, category 1  
Serious Eye Damage, category 1

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

10.9% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Causes severe skin burns and eye damage.

Causes serious eye damage.

### Precautionary Statements - Prevention.

Do not breathe dust/fume/gas/mist/ vapors/spray.

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

Wash contaminated clothing before reuse.

#### **Precautionary Statements - Storage.**

Store locked up.

#### **Precautionary Statements - Disposal.**

Dispose of contents in accordance with local/regional/national/international regulations.

### **3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
QUATERNARY AMMONIUM COMPOUNDS, DI-C8-10-ALKYLDIMETHYL, CHLORIDES	68424-95-3	2.5-10
Secondary alcohol ethoxylate Poly(ethylene oxide)	68131-40-8	1.0-2.5
Ammonium chloride compound	68424-85-1	1.0-2.5
TETRASODIUM EDTA	64-02-8	1.0-2.5
Ethanol	64-17-5	1.0-2.5

The exact percentage (concentration) of composition has been withheld as a trade secret.

### **4. First-aid Measures**

#### **Description of first-aid measures.**

##### **General advice.**

Call a physician if irritation develops or persists. Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

##### **Inhalation.**

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

##### **Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. If symptoms persist, call a physician. Call a physician immediately. May cause slight irritation. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

##### **Eye contact.**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If symptoms persist, call a physician. Remove contact lenses, if present.

##### **Ingestion.**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

##### **Symptoms.**

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

##### **Notes to physician.**

Treat symptomatically.

### **5. Fire-fighting Measures**

#### **Extinguishing media.**

##### **Suitable extinguishing media.**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

##### **Extinguishing media which shall not be used for safety reasons.**

High volume water jet.

#### **Special hazards arising from the substance or mixture.**

Hazardous decomposition products formed under fire conditions.

#### **Advice for firefighters.**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures.

#### **Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

#### **Advice for emergency responders.**

Use personal protection recommended in Section 8.

### Environmental precautions.

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

### Methods and materials for containment and cleaning up.

#### **Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment.

#### **Methods for cleaning up.**

Use personal protective equipment as required.

### Reference to other sections.

See section 8 for more information.

## 7. Handling and Storage

### Conditions for safe storage, including any incompatibilities.

#### **Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

#### **Hygiene measures.**

See section 7 for more information.

#### **Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Ethanol	N.E.	1000 ppm	1000 ppm	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

#### **Engineering Measures.**

Ensure adequate ventilation, especially in confined areas. Showers, eyewash stations, and ventilation systems.

#### **Personal protective equipment.**

##### **Eye/Face Protection.**

Safety glasses with side-shields.

##### **Skin and body protection.**

Wear impervious rubber clothing if needed to prevent contact with liquid material. Wear suitable protective clothing.

##### **Respiratory protection.**

In case of insufficient ventilation wear suitable respiratory equipment.

## 9. Physical and chemical properties.

### Information on basic physical and chemical properties.

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Color</b>	Colorless
<b>Odor</b>	Lemon
<b>Odor Threshold</b>	No Information
<b>pH</b>	12.4
<b>Melting/freezing point., °C (°F)</b>	No Information
<b>Flash Point., °C (°F)</b>	No Information
<b>Boiling point/boiling range., °C (°F)</b>	78 - 1,390 (172.4 - 2534)
<b>Evaporation rate</b>	No Information Available
<b>Explosive properties.</b>	No Information
<b>Vapor pressure.</b>	No Information
<b>Vapor density.</b>	No Information
<b>Specific Gravity. (g/cm<sup>3</sup>)</b>	1.010
<b>Water solubility.</b>	Soluble in water
<b>Partition coefficient.</b>	No Information
<b>Autoignition temperature., °C</b>	No Information
<b>Decomposition Temperature °C.</b>	No Information
<b>Viscosity, kinematic.</b>	No Information
<b>Other information.</b>	
<b>Volatile organic compounds (VOC) content.</b>	0.1 lb/gal
<b>Density, lb/gal</b>	No Information

## 10. Stability and Reactivity

### Reactivity.

Stable under normal conditions.

### Chemical stability.

Stable under recommended storage conditions.

### Possibility of hazardous reactions.

None known based on information supplied.

### Conditions to Avoid.

Direct sources of heat.

### Incompatible Materials.

Aldehydes. Ketones. Sodium hypochlorite. Acids. Alcohols. Oxidizing agents.

### Hazardous Decomposition Products.

None known.

## 11. Toxicological Information

### Information on toxicological effects.

Acute toxicity.

#### Product Information

No Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 11,483.5 mg/kg

ATEmix (dermal) 11,712.6 mg/kg

#### Component Information.

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
68424-95-3	QUATERNARY AMMONIUM COMPOUNDS, DI-C8-10-ALKYLDIMETHYL, CHLORIDES	N.I.	3861 mg/kg Rabbit	N.I.
68131-40-8	Secondary alcohol ethoxylate Poly(ethylene oxide	2100 mg/kg Rat	>2000 mg/kg Rat	N.I.
68424-85-1	Ammonium chloride compound	344 mg/kg ( Rat )	340 mg/kg ( Rabbit )	N.I.
64-02-8	TETRASODIUM EDTA	1658 mg/kg Rat	N.I.	N.I.
64-17-5	Ethanol	8300 mg/kg Rat	N.I.	116.9 mg/L, 133.8 mg/L Rat (Vapor)

N.I. = No Information

### Skin corrosion/irritation.

No Information

### Eye damage/irritation.

No Information

### Respiratory or skin sensitization.

No Information

### Ingestion.

No Information

### Germ cell mutagenicity.

No Information

### Carcinogenicity.

No Information

### Reproductive toxicity.

No Information

### Specific target organ systemic toxicity (single exposure).

No Information

### Specific target organ systemic toxicity (repeated exposure).

No Information

### Aspiration hazard.

No Information

### Primary Route(s) of Entry

No Information

## 12. Ecological Information

### Toxicity.

7.93% of the mixture consists of ingredient(s) of unknown aquatic toxicity

### Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
TETRASODIUM EDTA 64-02-8	EC50 72 h <i>Desmodesmus subspicatus</i> 1.01 mg/L	LC50 96 h <i>Lepomis macrochirus</i> 41 mg/L, LC50 96 h <i>Pimephales promelas</i> 59.8 mg/L	-

Ethanol 64-17-5	-	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L, LC50 96 h Pimephales promelas >100 mg/ L, LC50 96 h Pimephales promelas 13400 - 15100 mg/L	LC50 48 h Daphnia magna 9268 - 14221 mg/L, EC50 48 h Daphnia magna 2 mg/L
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**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>log POW</u>
68424-85-1	Ammonium chloride compound	0.004 - 2.75
64-17-5	Ethanol	-0.32

**Mobility in soil.**

No information

**Other adverse effects.**

No information

## 13. Disposal Considerations

**Waste Disposal Guidance.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. Transport Information

**DOT**

**Shipping Name:** Disinfectant, Liquid, Corrosive, N.O.S.  
**Hazard Class:** 8  
**UN/NA Number:** 1903  
**Packing Group:** III  
**Additional Information:** Limited quantity in containers no larger than 1 gallon (3.8 L).

**IMDG**

**Proper Shipping Name:** Disinfectant, Liquid, Corrosive, N.O.S.  
**Hazard Class:** 8  
**UN Number:** 1903  
**Packing Group:** III  
**Additional Information:** Limited quantity in containers no larger than 1 gallon (3.8 L).

**IATA**

**Proper Shipping Name:** Not recommended for air transport

## 15. Regulatory Information

### International Inventories:

TSCA	Complies
DSL	-
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	-
NZIoC	-

### TCSI

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
DSL/NDSL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Commercial Substances/ European List of notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AICS	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
TCSI	Taiwan Chemical Substance Inventory

### U.S. Federal Regulations:

#### SARA SECTION 313:

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

#### TOXIC SUBSTANCES CONTROL ACT 12(b):

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

#### U.S. EPA PESTICIDE INFORMATION

**EPA Pesticide Registration Number:** 70385-6

**EPA STATEMENT:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA PESTICIDE LABEL:** EPA Pesticide Label  
 DANGER Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling.  
 Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### ADDITIONAL INFORMATION

Additional Information - Sxn 15: No Information

#### CALIFORNIA PROPOSITION 65 CARCINOGENS

No Proposition 65 Carcinogens exist in this product.

## CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

### 16. Other Information

**Revision Date:** 5/27/2022 **Supersedes Date:** 5/19/2022

**Reason for revision:** Substance and/or Product Properties Changed in Section(s):  
16 - Other Information  
Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

#### HMIS Ratings:

<b>Health:</b>	3	<b>Flammability:</b>	1	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	X
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#### NFPA Ratings:

<b>Health:</b>	3	<b>Flammability:</b>	1	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	N.I.
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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