

## MICROB-KLEEN LD

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Microb-Kleen LD  
**Product Code:** A9090  
**Recommended Use:** Bacteria Fortified Liquid Floor Cleaner and Deodorizer

#### Company

Auto-Chlor System  
 746 Poplar Avenue  
 Memphis, TN 38105  
 Questions/Comments: 901-579-2300

#### Emergency Telephone Numbers

**MEDICAL:** 1-866-923-4946 (PROSAR)      **SPILLS:** 1-800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### OSHA Hazard Classification

**Signal Word:** **WARNING**  
**Acute Toxicity:** Category 4  
**Skin Corrosion:** Category 2  
**Eye Irritation:** Category 2



#### HAZARD STATEMENTS

H302: Harmful if swallowed  
 H312: Harmful in contact with skin  
 H315: Causes skin irritation  
 H319: Causes serious eye irritation

#### PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P280: Wear eye protection and protective gloves

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	70.0 – 80.0
Disodium Ethylenediaminetetraacetate	139-33-3	3.0 – 6.0
Sodium Lauryl Sulfate	151-21-3	3.0 – 6.0
Sodium Xylene Sulfonate	1300-72-7	2.0 – 5.0
Glycerin	56-81-5	2.0 – 5.0
Sodium Hydroxide	1310-73-2	1.0 – 3.0
Bacterial Cultures	Proprietary	1.0 – 3.0
Enzymes	Mixture	1.0 – 3.0
Fragrance	Proprietary	<1.0
Citric Acid	77-92-9	<1.0
Sodium C14-16 Olefin Sulfonate	68439-57-6	< 1.0
Calcium Chloride	10043-52-4	<1.0

Dye	Mixture	<1.0
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#### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, rinse mouth. Do NOT induce vomiting.

**Inhalation:** If inhaled, remove person to fresh air and keep comfortable for breathing.

**Skin Contact:** If on skin, remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

**Eye Contact:** 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.

#### 5. FIREFIGHTING MEASURES

**Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam

**Specific Hazards:** None known

**Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.

**Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.

**Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

#### 7. HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**Storage:** Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No occupational exposure limits established for this product.

**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

**Personal Protective Equipment**

**Eye Protection:** Wear protective glasses, goggles or eye shield.

**Skin Protection:** Wear protective gloves.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Clear green liquid

**Odor:**

Fruity odor

**pH:**

9.0 – 11.0

**Specific Gravity:**

1.07 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

No information available

**VOC:**

No information available

**Viscosity:**

No information available

**Odor Threshold:**

No information available

**Evaporation Rate:**

No information available

**Odor Threshold:**

No information available

**Vapor Density:**

No information available

**Vapor Pressure:**

No information available

**Partition Coefficient:**

No information available

**Auto-Ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Melting/Freezing Point:**

No information available

**Flammability:**

No information available

**Lower Explosive / Upper Explosive:**

No information available

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under normal conditions

**Hazardous Polymerization:**

Will not occur

**Incompatibility:**

None known

**Hazardous Decomposition Products:** None reasonably foreseeable

## 11. TOXICOLOGY INFORMATION

**Likely Routes of Exposure:**

Inhalation, eye and skin contact

**Acute Symptoms****Eye and Skin Contact:**

May cause serious eye irritation and skin irritation.

**Ingestion:**

May cause irritation to mouth, throat and stomach.

**Inhalation:**

May cause irritation to nose, throat and respiratory tract.

**Chronic Effects:**

None known

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

### 13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

### 14.TRANSPORT INFORMATION

**UN Number:** Not classified  
**Proper Shipping Name:** Not classified  
**Hazard Class:** Not classified  
**Packing Group:** Not classified

### 15.REGULATORY INFORMATION

This product contains the following component which is subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA:

Sodium Hydroxide, CAS No. 1310-73-2  
 CERCLA Final RQ = 1,000 lbs

#### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

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Water	7732-18-5	Solvent
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Sodium Lauryl Sulfate	151-21-3	Surfactant
Sodium Xylene Sulfonate	1300-72-7	Surfactant
Glycerin	56-81-5	Surfactant
Sodium Hydroxide	1310-73-2	pH Adjuster
Bacterial Cultures	Proprietary	Cleaning Enhancer
Enzymes	Mixture	Cleaning Enhancer
Fragrance	Proprietary	Fragrance
Citric Acid	77-92-9	pH Adjuster
Sodium C14-16 Olefin Sulfonate	68439-57-6	Surfactant
Calcium Chloride	10043-52-4	Stabilizer
Dye	Mixture	Colorant

\*Contains the following fragrance allergens:

FRAGRANCE ALLERGEN	CAS NO.	PERCENTAGE
Benzyl Benzoate	120-51-4	0.05%
Hexyl Cinnamic Aldehyde	101-86-0	0.02%
Lilial	80-54-6	0.01%

<b>16.OTHER INFORMATION</b>
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**Revision Date:** 01/26/23  
**Supersedes:** 04/13/22  
**Reason for Revision:** Reformulation

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