

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: LeadSafe Cleaner No. 5496

General Use: All Purpose Cleaner

Product Description: All Purpose Cleaner

Chemical Family: Chelate/detergent blend

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Fiberlock Technologies, Inc.
150 Dascomb Road
Andover, MA 01810

P: 800-342-3755 F: 978-475-6205

Emergency Telephone Numbers:

CHEM TEL: (U.S.): 1-800-255-3924

(Outside the U.S.): 813-248-0585

Poison Control Center (Medical): 800-222-1222

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**

GHS Label Statements

Hazard Statements:

Causes eye irritation.

GHS Classifications

Health:

Eye Irritation, Category 2B

PRECAUTIONARY STATEMENTS

Prevention: Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep out of reach of children.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage: Store in a closed container.

Disposal: Dispose of contents/container in accordance with all local, state, and federal regulations.

EMERGENCY OVERVIEW

Physical appearance: Green liquid

Immediate concerns: Mild eye irritant.

POTENTIAL HEALTH EFFECTS

Eyes: Contact may cause mild eye irritation.

Skin: May be mildly irritating with prolonged or repeated contact.

Skin absorption: None expected.

Ingestion: Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

REPRODUCTIVE TOXICITY

Reproductive effects: No known significant effects or critical hazards.

Teratogenic effects: No known significant effects or critical hazards.

Carcinogenicity: No listed substance.

Mutagenicity: No known significant effects or critical hazards.

Routes of entry: Ingestion, eye.

Warning caution labels: None

Physical hazards: None expected.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight, %</u>
Tetrasodium iminodisuccinate	144538-83-0	5-10
Alkyl Polyglucosides	68515-73-1	0-5
Sodium Octanesulfonate	5324-84-5	1-5
Citric Acid	77-92-9	1-2
Fragrance	N/A	0-1
Dye	N/A	< 0.1
Water	7732-18-5	95-99

SECTION 4: FIRST AID MEASURES

Eyes

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin

Wash with soap and water. Get medical attention if irritation develops or persists.

Inhalation

Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

Ingestion

Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Signs and Symptoms of Overexposure

Eyes: Burning sensation with tearing, redness.

Skin: Prolonged contact may cause irritation marked by redness, slight burning sensation.

Ingestion: Irritation of mouth, throat, along with stomach upset, vomiting.

Inhalation: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

Acute toxicity: None known.

Chronic effects: No known significant effects or critical hazards.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable class: Not applicable

Extinguishing media: No special requirements.

Explosion hazards: Not applicable

Fire-fighting procedures: Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small spill: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

Environmental Precautions

Water spill: Avoid discharges into open waterways.

Land spill: Avoid discharge to soil.

Air spill: NA = Not Applicable

SECTION 7: HANDLING AND STORAGE

General Procedures

Close container after use.

Handling

Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Storage

Store in closed container in an area inaccessible to children.

Storage Temperature

Store at ambient temperatures.

Storage Pressure

Store at ambient atmospheric pressure.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

OSHA Hazardous Components (29 CFR1910.1200)

<i>Chemical Name</i>	<i>ACGIH TLV</i>		<i>OSHA PEL</i>	
	<i>ppm</i>	<i>mg/m³</i>	<i>ppm</i>	<i>mg/m³</i>
Citric Acid	TWA: 10	mg/m ³ [2]	TWA: 15	mg/m ³ [2]

Footnotes:

[1] (dust)

[2] (inhalable particles)

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration

Engineering Controls: Use in well ventilated area.

Personal Protective Equipment

Eyes and face: Safety glasses with side shields.

Skin: Rubber or other chemical resistant gloves.

Respiratory: A respirator is not needed under normal and intended conditions of product use.

Protective clothing: No special requirements.

Work hygienic practices: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Odor: Fresh & Clean
Odor Threshold: Not established
Color: Green

<u>Property</u>	<u>Values</u>
pH	5.0-6.2
Freezing point	32°F; 0°C
Boiling point/boiling range	212°F; 100°C
Flash Point	None
Evaporation rate (Water=1)	1.0
Flammability (solid, gas)	No data available
Flammability Limit in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor pressure	20 mm Hg at 20°C (68°F)
Vapor density	>1 Air = 1
Specific Gravity	1.069 grams/ml. at 20°C (68°F)
Water Solubility	Complete
Autoignition temperature	Not applicable
Thermal decomposition	No data available
Percent volatile	>90
Density	8.92 at 20°C (68°F)
Viscosity	Water thin
VOC	None

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Stable

Stability

No known significant effects or critical hazards.

Conditions to Avoid

Strong oxidizing materials.

Incompatible Materials

Strong oxidizers.

Hazardous Decomposition Products

None expected.

Hazardous Polymerization

Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute

Chemical Name	Oral LD₅₀ (rat)	Dermal LD₅₀ (rabbit)	Inhalation LC₅₀ (rat)
Alkyl Polyglucosides	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	
Citric Acid	>11700 mg/kg (rat)	>2000 mg/kg (rabbit)	No data available

Eyes: Causes eye irritation

Dermal LD₅₀: No known significant effects or critical hazards.

Skin absorption: No known significant effects or critical hazards.

Inhalation LC₅₀: No known significant effects or critical hazards.

Eye effects: Mild to moderate eye irritant.

Skin effects: May irritate skin with prolonged or repeated contact.

Chronic: No known significant effects or critical hazards.

Carcinogenicity

IARC: No listed substance.

Irritation: Not established.

Sensitization: No known significant effects or critical hazards.

Neurotoxicity: No known significant effects or critical hazards.

Genetic effects: No known significant effects or critical hazards.

Reproductive effects: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

Environmental data: Not Established

Ecotoxicological information: Not Established

Aquatic toxicity (acute): Not Established

Chemical fate information: Not Established

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal method: Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

For large spills: Consult with local and state authorities for large volume disposal.

Product disposal: See above.

Empty container: Rinse container with clear water. Offer container for recycling, or dispose of in trash.

RCRA/EPA waste information: Not applicable

SECTION 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name Cleaning Compound, not regulated.
U.S. Customs Harmonization # 3402.90.10.00

SECTION 15: REGULATORY INFORMATION

United States

Sara Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Health - Acute

Fire: No **Pressure Generating:** No **Reactivity:** No **Acute:** Yes **Chronic:** No

313 Reportable Ingredients: None

302/304 Emergency Planning

Emergency Plan: Not applicable

CERCLA (Comprehensive Response, Compensation, and Liability Act)

CERCLA Regulatory: Not applicable

TSCA (Toxic Substance Control Act)

TSCA Regulatory: All ingredients are listed on the TSCA Chemical Inventory.

California Proposition 65: No listed substance

Carcinogen: No listed substance

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 0	Instability 0	Physical and Chemical Hazards Personal Protection
HMIS	Health Hazards 2	Flammability 0	Physical Hazard 0	B

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead

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