



**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY**

GHS Product Identifier | Trade Name: Laurinex  
 CAS Numbers: 77-92-9, 61789-30-8, and 7732-18-5  
 INCI Name: Citric Acid Anhydrous, Potassium Cocoate, and Distilled Water  
 Uses of the Substance / Mixture: Biofilm Stain Remover Cleaning Soap  
 Formula: N/A  
 Synonym: N/A  
 Company Name: Ascalon International, Inc.  
 Company Address: 11951 Freedom Drive; 13<sup>th</sup> Floor  
 Reston, VA 20190  
 Phone Number: +1-800-593-1073  
 Emergency Phone Number: Call CHEMTREC: 1-800-424-9300

**SECTION 2 HAZARDOUS IDENTIFICATION**

**2.1. Classification of the Substance or Mixture:**  
**Classification (GHS/Regulation (EC) No 1272/2008):** Not Applicable

**2.2. Label Elements:**  
**Hazardous products which must be listed on the label:** Not Applicable

**Hazardous pictograms (GHS-US):** Not Applicable

**Signal Word:** Not Applicable

**Hazard Statements:** Not Applicable

**Globally Harmonized System of Classification and Labeling of Chemicals (GHS-US)**

**Precautionary statements:**

**General**

P101 If medical advice is needed, have product container or label at hand  
 P103 Read label before use

**Prevention**

P261 Avoid inhaling aerosolized mist through nostrils  
 P262 Avoid eye contact with aerosolized mist  
 P264 Wash skin thoroughly after handling

**Response**

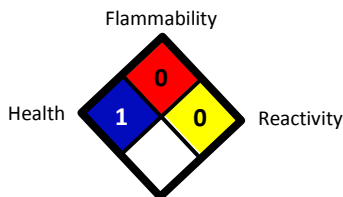
P301 + P330 IF SWALLOWED: Rinse mouth with clean, fresh potable water  
 P302 + P353 IF ON SKIN: Rinse skin with water  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

P401 Store in an area between 10°C-55°C  
 P404 Store in a closed container  
 P420 Store away from strong oxidizing agents and reducing agents

**Disposal**

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.



**2.3. NFPA 704 Hazard Rating**

Health: 1 – Exposure may cause irritation, but only minor residual injury even if no treatment is given.  
 Flammability: 0 – Material that will not burn under typical fire conditions including intrinsically.  
 Reactivity: 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.



**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

**3.1. Substances**

Chemical nature: Biofilm Stain Remover Cleaning Soap

**3.2. Information on Components and Impurities**

Chemical Name	CAS No.	EINECS No.	Concentration (%)
Water, Distilled ASTM Type II	7732-18-5	231-791-2	87.0%
Citric Acid Anhydrous	77-92-9	201-069-1	10.0%
Potassium Cocoate (saponified organic coconut oil)	61789-30-8	263-049-9	2.0%
Esterified Laurate Mixture	CSPA Dictionary	N/A	1.0%

**SECTION 4 FIRST AID MEASURES**

**4.1. Description of necessary first-aid measures**

General advice: If medical advice is needed, have product container or label at hand. Read label before use.

Inhalation: Supply fresh air, consult doctor in case of complaints.

Skin contact: Generally, the product does not irritate the skin. In case of skin irritation, rinse skin with soap and water. Remove contaminated clothing and launder. If skin irritation continues: Get medical attention.

Eye contact: Rinse opened eye for several minutes under running water. If present and easy to do, remove contacts. Consult a physician.

Ingestion: Clean mouth with clean, fresh water, and afterwards drink plenty of water.

**4.2. Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5 FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Suitable extinguishing media: H<sub>2</sub>O, CO<sub>2</sub>, Dry Chemical, BC/ABC Extinguishers

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

Specific hazards during firefighting: On combustion forms carbon monoxide, carbon dioxide, potassium oxide

**5.3. Advice for firefighters**

Special protective equipment: No special measures required

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective equipment as required by the incident. Wear eye protection when pouring or mopping.

**6.2. Environmental precautions**

Dilute with water. Do not allow large quantities to enter sewers/surface ground water unless diluted.

**6.3. Methods and Material for Containment and for Cleaning or Taking Up**

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).



**SECTION 7 HANDLING AND STORAGE**

- 7.1. Handling**  
Advice on safe handling and usage: Avoid prolonged contact to eyes and nostrils with aerosolized mist.
- 7.2. Storage**  
Recommended: Store in original container, tightly closed. Store in an area between 10°C-55°C.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

**8.1. Components with workplace control parameters**

Components	Value Type	Value	Update	Basis
None				

**8.2. Components with workplace foreign control parameters**

Components	Value Type	Value	Update	Basis
None				

- 8.3. Control Measures**  
Use measures: Avoid aerosolizing the product that causes mist.
- 8.4. Personal protective equipment**  
General protective measures: The usual precautionary measures for handling chemicals should be followed.
- Respiratory protection: Not required. Avoid aerosolizing the product that causes mist.
- Hand protection: If prolonged immersion with the product is necessary, wear appropriate gloves. In EU member states, gloves should satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe instructions provided by the glove supplier regarding permeability and breakthrough time. Also, take into consideration the specific local conditions under which the product is used, such as danger of cuts, abrasion and the contact time. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Eye protection: Safety goggles recommended during filling and pouring. Avoid aerosolizing the product that causes mist.
- Skin and body protection: Wear appropriate clothing to avoid prolonged skin contact. Remove and wash contaminated clothing before wearing again.
- Protective measures: The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1. Appearance**  
Form: Liquid  
Physical state: Liquid  
Color: Opaque White  
Odor: Lemon Eucalyptus (Citrodora), Herbal Garden, Citrus Medley, or Unscented  
Odor Threshold: No data available



**9.2. Safety Data**

pH (range):	2.05 pH to 2.40 pH
Melting point/range:	no data available
Boiling point/boiling range:	~100°C
Flash point:	not applicable
Flammability (solid, gas):	not applicable
Ignition temperature:	1010°C (1850°F)
Decomposition temperature:	no data available
Auto-ignition temperature:	Product is not self-igniting
Water solubility:	Fully miscible
Solubility in other solvents:	no data available
Partition coefficient: noctanol/water:	no data available
Vapor pressure:	23 hPa (17.25 mm Hg)
Evaporation rate:	no data available
Relative vapor density:	no data available
Density:	8.3459 lbs/gal
Oxidation/Reduction Potential:	no data available
Viscosity, dynamic:	no data available
Viscosity, kinematic:	no data available
Explosive properties:	Product does not present an explosion hazard
Thermal decomposition:	no data available
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Specific Gravity:	1.047 gm/ml
USDA Certified Biobased Content:	Product 95%

<b>SECTION 10</b>	<b>STABILITY AND REACTIVITY</b>
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<b>10.1. Chemical Stability</b>	
Possibility of hazardous reactions	The product is stable, no dangerous reactions known.
<b>10.2. Hazardous reactions</b>	
Conditions to avoid	No further relevant information available.
Materials to avoid	Strong oxidizing agents, reducing agents, and strong bases

<b>SECTION 11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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<b>11.1. Acute toxicity</b>	
Acute oral toxicity:	no data available
Acute inhalation toxicity:	no data available
Acute dermal toxicity:	no data available
Other routes of administration:	no data available
Aspiration toxicity:	no data available
<b>11.2. Skin corrosion/irritation</b>	
Skin irritation:	No irritant effect
<b>11.3. Serious eye damage/eye irritation</b>	
Eye irritation:	No irritating effect
<b>11.4 Respiratory or skin sensitization</b>	
Sensitization:	No sensitizing effects known
<b>11.5. Repeated dose toxicity</b>	
Repeated dose toxicity:	No toxicity effects known
<b>11.6. Additional toxicological information</b>	
	The product is not subject to classification according to internally approved calculation methods for preparations.
	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
<b>11.7. STOT</b>	
STOT - single exposure:	no data available
STOT - repeated exposure:	no data available



**11.8. Carcinogenicity**

IRAC (International Agency for Research on Cancer)	None of the ingredients are listed
NTP (National Toxicology Program)	None of the ingredients are listed
OSHA (Occupational Safety & Health Administration)	None of the ingredients are listed

**11.9. Mutagenicity**

Genotoxicity in vitro:	no data available
Genotoxicity in vivo:	no data available

**11.10. Reproductive toxicity**

Reproductive toxicity:	no data available
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<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION</b>
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**12.1. Ecotoxicity assessment**

Ecotoxicity assessment:	no data available
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**12.2. Persistence and degradability**

Biodegradability:	no data available
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**12.3. Bioaccumulation**

Bioconcentration factor (BCF):	no data available
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**12.4. Other adverse effects**

Environment assessment:	no data available
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<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**13.1. Product Disposal**

Advice on disposal:	Small quantities can be disposed with household waste. Dispose of large quantities in accordance with local regulations.
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Recommended cleansing agent:	Dilute with water.
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<b>SECTION 14</b>	<b>TRANSPORTATION INFORMATION</b>
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<b>ADR</b>	not regulated
<b>RID</b>	not regulated
<b>IMDG</b>	not regulated
<b>IATA</b>	not regulated
<b>Environmental Hazard/Marine pollutant:</b>	No
<b>DOT Hazard Class</b>	None

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

<b>SECTION 15</b>	<b>REGULATORY INFORMATION</b>
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<b>US (TSCA):</b>	Listed
<b>EU (REACH):</b>	Pre-Registered
<b>EU (EINECS):</b>	Listed
<b>Canada (DSL):</b>	Listed
<b>Australia (AICS):</b>	Listed
<b>Philippines (PICCS):</b>	Listed
<b>Korea (ECL):</b>	Listed
<b>New Zealand (NZIoC):</b>	Listed
<b>China (IECSC):</b>	Listed

Follow all regulations in your country or region. Ascalon International, Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.



**SECTION 16 OTHER INFORMATION**

**16.1. Full text of Precautionary Statements referred to under Section 2.**

**General**

- P101 If medical advice is needed, have product container or label at hand
- P103 Read label before use

**Prevention**

- P261 Avoid inhaling aerosolized mist through nostrils
- P262 Avoid eye contact with aerosolized mist
- P264 Wash skin thoroughly after handling

**Response**

- P301 + P330 IF SWALLOWED: Rinse mouth with clean, fresh potable water
- P302 + P353 IF ON SKIN: Rinse skin with water
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P306 + P362 IF ON CLOTHING: Take off contaminated clothing and launder before reuse.

**Storage**

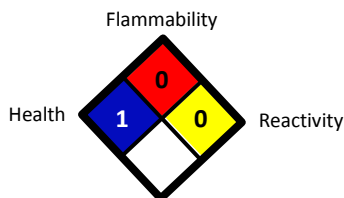
- P401 Store in an area between 10°C-55°C
- P404 Store in a closed container
- P420 Store away from strong oxidizing agents and reducing agents

**Disposal**

- P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.

**16.2. NFPA 704 Hazard Rating**

- Health: 1 – Exposure may cause irritation, but only minor residual injury even if no treatment is given.
- Flammability: 0 – Material that will not burn under typical fire conditions including intrinsically.
- Reactivity: 0 – Normally stable, even under fire exposure conditions, and are not reactive with water



**16.3. HMIS Rating**

- Health: 1 – Slight Hazard - Irritation or minor reversible injury possible
- Flammability: 0 – Minimal Hazard – Materials that will not burn.
- Physical: 0 – Minimal Hazard – Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.
- Personal Protection: A – Eye protection may be required when filling and pouring

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>A</b>

The information provided in this Safety Data Sheet is accurate to the best of Ascalon International, Inc.'s knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity. Date of last revision: July 5, 2019.