Safety Data Sheet

Section 1: Identification

Trade Name: Lauric Acid 99% FGK
Synonyms: Dodecanoic acid
Company: Soapgoods Inc
Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093
Phone: (404) 924-9080
E-Mail: wecare@soapgoods.com
Emergency Phone: Chemtrec 1 800 424 9300
CAS No: 143-07-7

Section 2: Hazard(s) Identification

2.1 Classification of the Substance or Mixture
Classification (GHS-US)
Eye Dam. 1 H318
2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US)

Signal Word (GHS-US): Danger

Hazard Statements (GHS-US):H318-Causes serious eye damage
Precautionary Statements (GHS-US):P280-Wear eye protection, protective clothing, protective gloves
P305+P351+P338-If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing
P310-Immediately call a POISON CENTER or doctor

2.3.

Other Hazards
No additional information available

2.4.
Unknown Acute Toxicity (GHS-US): No data available

Section 3: Composition/Information on Ingredients

Chemical Name	CAS No	% Content	Classification (GHS-US)
Lauric acid	(CAS No) 143-07-7	>= 99	Eye Dam. 1, H318

Full text of H-phrases: see section 16

3.2.
Mixtures Not applicable
Full text of H-phrases: see section 16

Section 4: First-Aid Measures
4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area.
First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.
First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: Causes serious eye damage.
Symptoms/Injuries After Inhalation: Dust of the product, if present, may cause respiratory irritation after an excessive
inhalation exposure.
Symptoms/Injuries After Skin Contact: Not irritating to skin.
Symptoms/Injuries After Eye Contact: Causes serious eye damage.
Symptoms/Injuries After Ingestion: May cause nausea, vomiting, and diarrhea.
4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If medical advice is needed, have product container or label at hand.

Section 5: Fire-Fighting Measures

5.1. Extinguishing Media
Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Carbon dioxide, dry chemical powder, sand.
Unsuitable Extinguishing Media: Do not use water.
5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not flammable but will support combustion.
Explosion Hazard: Product is not explosive.
Reactivity: Stable at ambient temperature and under normal conditions of use.
5.3. Advice for Firefighters
Firefighting Instructions: Exercise caution when fighting any chemical fire.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection

Section 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Can be slippery on hard, smooth walking area.
6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.
6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.
6.2. Environmental Precautions
Prevent entry to sewers and public waters.
6.3. Methods and Material for Containment and Cleaning Up
For Containment: Contain and collect as any solid.
Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.
6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

Section 7: Handling and Storage

7.1. Precautions for Safe Handling
Additional Hazards When Processed: Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do no eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.
Incompatible Products: Strong oxidizers.
Storage Temperature: In bulk, store at about 5-10°C above melting point or at ambient temperature.
Storage Area: Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure.
Special Rules on Packaging: Stainless steel preferred for storage.
7.3. Specific End Use(s) See section 1

Section 8: Exposure Controls/Personal Protection

8.1. Control Parameters
No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.
8.2. Exposure Controls
Appropriate Engineering Controls : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Personal Protective Equipment : Dust formation: dust mask. Safety glasses.

Hand Protection : Rubber gloves. Wear chemically resistant protective gloves.
Eye Protection : Chemical goggles or safety glasses.
Respiratory Protection : If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.
Other Information : When using, do not eat, drink or smoke

Section 9: Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties
Physical State : Solid
Appearance : White.
Odor : Light.
Odor Threshold : No data available
pH : Not applicable
Relative Evaporation Rate (butylacetate=1) : No data available
Melting Point : 42 - 44 °C (107.6-111.2°F)

Freezing Point : No data available
Boiling Point : > 225 °C (437°F)
Flash Point : 160 - 165 °C (320-329°F) ISO 2592 Open Cup
Auto-ignition Temperature : > 250 °C (482 °F)
Decomposition Temperature : No data available
Flammability (solid, gas) : No data available
Vapor Pressure : < 1 mm Hg @ 131 °C
Relative Vapor Density at 20 °C : ~0.883 g/cm3
Relative Density : ~ 99
Specific Gravity : 0.833 g/cm³ @20°C
Solubility : Water: 0.00481 g/l @ 25°C
Ethanol: Soluble
Ether: Soluble
Organic solvent: Soluble
Log Pow : 4.6 log - Segregation coefficient (n-octanol/water)
Log Kow : No data available
Viscosity, Kinematic : No data available
Viscosity, Dynamic : No data available
Explosive Properties : No data available
Oxidizing Properties : No data available
Explosive Limits : Not applicable

Section 10: Stability and Reactivity

10.1 Reactivity: Stable at ambient temperature and under normal conditions of use.
10.2 Chemical Stability: Stable under normal temperture and pressure.
10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4 Conditions to Avoid: Avoid ignition sources. Direct sunlight. Extremely high or low temperatures.
10.5 Incompatible Materials: Strong oxidizers.
10.6 Hazardous Decomposition Products: Carbon oxides (CO, CO2).

Section 11: Toxicological Information

11.1. Information On Toxicological Effects
Acute Toxicity : Not classified
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Causes serious eye damage.
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
Symptoms/Injuries After Skin Contact: Not irritating to skin.
Symptoms/Injuries After Eye Contact: Causes serious eye damage.
Symptoms/Injuries After Ingestion: May cause nausea, vomiting, and diarrhea.

Section 12: Ecological Information

12.1. Toxicity No additional information available
12.2. Persistence and Degradability

Lauric Acid 99% FGK (143-07-7)	
Persistence and Degradability	Readily biodegradable in water.

12.3. Bioaccumulative Potential

Lauric Acid 99% FGK (143-07-7)	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil No additional information available
12.5. Other Adverse Effects

Section 13: Disposal Considerations

13.1. Waste treatment methods Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Section 14: Transport Information

In Accordance With ICAO/IATA/DOT/TDG
14.1. UN Number Not applicable
14.2. UN Proper Shipping Name Not regulated for transport.
14.3. Additional Information Other information : No supplementary information available.

Transport by Sea Not regulated for transport.
Air Transport Not regulated for transport.

Section 15: Regulatory Information

15.1 US Federal Regulations

Lauric acid (143-07-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

15.2 US State Regulations

Lauric Acid 99% FGK(143-07-7)	
State or local regulations	The product and/or its components does not appear on any state Right to Know lists.
Lauric acid (143-07-7)	
U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term	

Section 16: Other Information

Indication of Changes : Revision date.

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Eye Dam. 1	Serious eye damage/eye irritation Category 1
H318	Causes serious eye damage

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Review Date: September 2017