Lauryl Glucose

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 10-Dec-2024
Supersedes: 08-Dec-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Lauryl Glucose
Synonyms: No data available
INCI Name: Water, Sodium Lauryl Glucose Carboxylate, Lauryl Glucoside
CAS Number: 7732-18-5, 383178-66-3, 110615-47-9
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification: Eye Dam./Irrit. 2A
Aquatic Acute 2

Signal Word: **WARNING!**

Hazard Pictograms:

Hazard Statements: H319: Causes serious eye irritation.
H401: Toxic to aquatic life.

Precautionary Statements: (Prevention) P280: Wear eye protection.
P273: Avoid release to the environment.
P264: Wash contaminated body parts thoroughly after handling.
(Response) P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313: If eye irritation persists: Get medical attention.
(Disposal) P501: Dispose of contents/container in accordance with local regulations.

Potential Health Hazards: Eyes: Causes serious eye irritation.
Inhalation: May be an irritant.
Skin: May be an irritant.
Ingestion: May cause nausea, vomiting, and diarrhea.

NFPA Ratings (704):

Health	2	Moderate
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Water	7732-18-5	60 - 70%	Not Available
Sodium Lauryl Glucose Carboxylate	383178-66-3	15 - 25%	Not Available
Lauryl Glucoside	110615-47-9	10 - 20%	Not Available
Sodium Citrate	68-04-2 / 6132-04-3	Not Available	Not Available
Sorbic acid	110-44-1	Not Available	Not Available
According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200			
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, carboxymethyl ethers, sodium salts	383178-66-3	≥15 - <50%	Not Available
1,2,3-Propanetricarboxylic	994-36-5	≥5 - <7%	Not Available

acid, 2-hydroxy-, sodium salt (1:?)			
Acetic acid, hydroxy-, monosodium salt	2836-32-0	≥3 - <5%	Not Available

4 FIRST AID MEASURES

Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. Do not rub eyes; mechanical action may cause corneal damage. Immediate medical attention required.

Inhalation: Remove victim to fresh air and away from exposure immediately. If breathing has stopped, administer artificial respiration. Immediate medical attention required.

Skin: After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing and shoes. Wash contaminated clothing before reuse. If irritation should develop, seek medical attention.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Immediately rinse mouth and then drink 200 - 300 ml water, do not induce vomiting, seek medical attention.

Acute/Delayed Symptoms & Effects: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, carboxymethyl ethers, sodium salts (CAS: 383178-66-3) Overexposure may cause eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt (1:?) (CAS: 994-36-5) Overexposure may cause eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps.
Acetic acid, hydroxy-, monosodium salt (CAS: 2836-32-0) Overexposure may cause, corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media for surrounding environment (water spray, carbon dioxide, dry powder, foam) and adjacent fire. No unsuitable extinguish media listed.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Flash Points: 213ºF (>101˚C)

Specific hazards arising from the chemical: Harmful vapors, evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: For small amounts: Pick up with suitable absorbent material. For large amounts: Dike spillage. Pump off product. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Keep container tightly closed and dry in a cool place ≤30˚C. Suitable materials for containers include high density polyethylene (HDPE). Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity

Lauryl Glucose	Not available

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Wear safety glasses with side protection shield.
Inhalation: Ensure adequate ventilation. Respiratory protection not required with adequate ventilation.
Body: Wear suitable plastic or rubber gloves. Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.
Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	**Vapor Pressure:**	Not determined
Odor:	Almost odorless	**Vapor Density:**	Not applicable
Odor Threshold:	Not applicable	**Evaporation Rate:**	Value can be approximated from Henry's Law Constant
Color:	Clear Yellow	**Flammability:**	Not flammable
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	Not relevant for classification and labelling
pH at 20ºC:	5.5 - 6.5	**Flash Point:**	213ºF (>101˚C)
Boiling Point:	>100˚C (1,013.200 hPa)	**Specific Gravity:**	No data available
Melting/Freezing Point:	No data available	**Water Solubility:**	Soluble
Relative Density:	No data available	**Auto-Ignition Temperature:**	Not determined
Partition Coefficient: n-octanol/water:	Not determined	**Thermal Decomposition:**	No decomposition if stored and handled as prescribed.
Dynamic Viscosity:	Not determined	**Explosive Properties:**	No data available
Oxidizing Properties:	No data available	**Aerosol Flammability**	Not applicable

10 STABILITY AND REACTIVITY

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.
Chemical Stability: The product is stable if stored and handled as prescribed/indicated.
Hazardous Polymerization: No data available.
Conditions to Avoid: No data available.
Incompatible Materials: No substances known that should be avoided.
Hazardous Decomposition Products: No hazardous decomposition products if stored and handled as prescribed/indicated. No thermal decomposition if stored and handled as prescribed/indicated.
Possible Hazardous Reactions: Reacts with oxidizing agents. Reacts with bases. Reacts with strong acids.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Skin: Type of value: ATE Value: > 5,000 mg/kg.
Eyes: Eye contact causes irritation.
Inhalation: Type of value: ATE Value: > 20.0000 mg/l (determined for vapor). Type of value: ATE Value: > 5.0000 mg/l (determined for mist).
Ingestion: Virtually nontoxic after a single ingestion. LD50 Value:> 2,000 mg/kg.
Routes of Entry: Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation & eye contact. Skin contact may be a route of entry for liquefied gases. Dermal contact is considered the primary route of exposure.
Carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.
Teratogenicity: No data was available concerning toxicity to development.
Germ Cell Mutagenicity: The chemical structure does not suggest a specific alert for such an effect.
Embryotoxicity: No data available.
Specific Target Organ Toxicity: Based on available data, the classification criteria are not met for single exposure. Based on our

	experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses upon repeated dose toxicity.
Reproductive Toxicity:	The chemical structure does not suggest a specific alert for such an effect.
Sensitization:	There is no evidence of a skin-sensitizing potential.
Genetic Toxicity:	The chemical structure does not suggest a specific alert for such an effect.
Irritation/Corrosion:	Product is not irritating to the skin. Component: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides: Risk of serious damage to eyes. Skin contact causes irritation. Component: Acetic acid, hydroxy-, monosodium salt: Skin contact causes irritation. May cause severe damage to the eyes. Component: 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt (1:?): Not irritating to the skin. Eye contact causes irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Component: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, carboxymethyl ethers, sodium salts: Not irritating to the skin. Eye contact causes irritation.
Aspiration Hazard:	No aspiration hazard expected.
Other Information:	The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Component: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides: Acutely toxic for aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. Toxic to aquatic organisms based on long-term (chronic) toxicity study data. Component: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, carboxymethyl ethers, sodium salts: Based on long-term (chronic) toxicity study data, the product is very likely not harmful to aquatic organisms. Acutely toxic for aquatic organisms.
Aquatic Vertebrate:	(Fish) LC50 > 1 - 10 mg/l.
Aquatic Invertebrate:	No data available.
Terrestrial:	(Microorganisms) EC0: > 100 mg/l.
Persistence and Degradability:	Readily biodegradable (according to OECD criteria). 89% Mineralization (86 days) (Anaerobic biodegradation) (anaerobic, activated sludge, domestic, non-adapted) easily degradable under anaerobic conditions.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	Not applicable.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not classified as a dangerous good under transport regulations.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not classified as a dangerous good under transport regulations.
IATA (International Air Transport Association):	Not classified as a dangerous good under transport regulations.
ICAO (International Civil Aviation Organization):	Not classified as a dangerous good under transport regulations.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Released/exempt.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date: 10-Dec-2024

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

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.