

## CERTIFICATE OF ANALYSIS & SAFETY DATA SHEET

**PRODUCT:** Lauryl Glucoside  
**INCI:** Lauryl Glucoside  
**COUNTRY OF ORIGIN:** USA  
**USAGE:** Cosmetic use only

### Physical & chemical data / Specification

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance		Complies
Odor	odorless	Complies
pH (10% in water)	10.0 – 12.0	11.1
Viscosity	50 – 1000	500cps
Non-Volatile substances (four)/120°C, 1h	49 % - 51 %	50.8 %

### COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	-	>= 50.0 - < 75.0%

### HAZARDS IDENTIFICATION

#### Emergency Overview

**GHS Classification:** Eye irritation - Category 2A

**GHS Label elements, including precautionary statements:** Signal: Warning

**Hazard statement(s):** H318 Cause serious eye damage  
H315 Cause skin irritation  
H402 Toxic to aquatic life



#### Precautionary statement(s):

P280 Wear protective gloves and eye/face protection.  
P273 Avoid release to the environment.  
P264 Wash with plenty of water and soap thoroughly after handling.  
P501 Dispose of contents/container to hazardous or special waste collection

**Supplement label elements:** Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 25%

### EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

**Eyes:** S Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

**Hands:** Plastic gloves, Rubber gloves

**Skin and body:** Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**Respiratory:** Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary.

## FIRST AID MEASURES

**Eye contact:** Remove any contact lenses. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**Skin contact:** Immediately wash with water and rinse thoroughly. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## PHYSICAL AND CHEMICAL PROPERTIES

Form	Viscous paste
Solubility	Easily soluble in the following materials: cold water
Flash point	> 101°C (aqueous preparation)
Boiling Temperature	< 100 °C (1,013.200 hPa)
pH	10 to 11

## HANDLING AND STORAGE

**Precautions for safe handling:** Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed and dry; store in a cool place.

Suitable material for containers: High density polyethylene (HDPE)

## FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Water spray, carbon dioxide, dry powder, foam

**Unsuitable extinguishing media:** Not available

**Special protective equipment and precautions for fire-fighters:** Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or its combustible products:**

In case of fire, the following can be released: Harmful vapours

**Resulting gases:** Carbon oxide

## ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Ensure adequate ventilation. Avoid contact with the skin and the eyes.

**Environmental precautions:** Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### Methods and materials for containment and cleaning up:

**Small amounts:** Pick up with suitable absorbent material.

**Large amounts:** Dike spillage, pump off the product and dispose of absorbed material in accordance with regulation.

## STABILITY AND REACTIVITY

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** Chemically stable

**Possibility of hazardous reactions:** Reacts with oxidizing agents and strong acids.

**Conditions to avoid:** See section Handling and storage

**Incompatible materials:** Oxidizing material, alkalis, moisture

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## TOXICOLOGICAL INFORMATION \*based on available data

**Acute toxicity:** Oral: LD50 = >5,000 mg/kg (rat)\*

Inhalation: N/A

Dermal: LD50 = >2,000 mg/kg (rabbit)\* OECD guideline 402

**Carcinogenicity:** Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

**Mutagenicity:** No indication the the substance is mutagenic.

**Specific target organ toxicity:** Not available.

**Reproductive toxicity:** No indication of a fertility impairing effect.

**Single exposure:** Not available

**Aspiration hazard:** Not available

**Eyes:** Cause serious eye Irritation. Pain – watering - redness

**Skin:** May cause irritation

## ECOLOGICAL INFORMATION

**Ecotoxicity:** Fish: LC50 > 1 - 10 mg/l, Brachydanio rerio (DIN EN ISO 7346-2)

Aquatic invertebrate: EC50 > 10 - 100 mg/l, Daphnia magna (OECD Guideline 202, part 1)

Aquatic plants: EC50 > 10 - 100 mg/l, Desmodium subspicatus (Directive 88/302/EEC, part C, p. 89)

Chronic toxicity to fish: No observed effect concentration > 1 - 10 mg/l, Brachydanio rerio (OECD Guideline 204)

Chronic toxicity to aquatic invertebrates: No observed effect concentration > 1 - 10 mg/l, Daphnia magna (OECD Guideline 202, part 2)

**Persistence and degradability:** Readily biodegradable

**Bio - accumulative potential:** No significant accumulation in organisms is expected because of the distribution coefficient of noctanol/water (log Pow).

**Mobility in soil:** The substance will not evaporate into the atmosphere from the water surface. Absorption to solid soil phase is not expected.

**Disposal methods:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## TRANSPORT INFORMATION

Not regulated

## CANADIAN CLASSIFICATION

Canada inventory: All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### Key to abbreviations:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

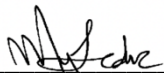
GHS = Globally Harmonized System of Classification and Labelling of Chemicals

LogPow = logarithm of the octanol/water partition coefficient

UN = United Nations

HPR = Hazardous Products Regulations

Émis par



Online Boutique Director's

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