

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Lauryl Glucoside	Supplier:	ASES CHEMICAL WORKS.
Synonyms:	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
INCI Name:	Lauryl Glucoside	Phone:	+91-9636889954
CAS Number:	110615-47-9	Web:	www.ases.in
Formula:	C ₁₈ H ₃₆ O ₆	Email :	ecom@ases.in
Product Form:	Liquid		
Product Use:	Surfactant for various personal care applications		

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Skin Corr./Irrit.	Category 2	Skin corrosion/irritation
Eye Dam./Irrit.	Category 1	Serious eye damage/eye irritation
Aquatic Acute	Category 2	Hazardous to the aquatic environment - acute

Label elements :

Pictogram  **Signal Word** Danger

Hazard Statement H318 Causes serious eye damage. H315 Causes skin irritation. H401 Toxic to aquatic life.

Precautionary Statement

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Remove contact lenses, if possible.

P310 Immediately call a POISON CENTER or doctor/physician.

P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container to hazardous or special waste collection point.

Other hazards No specific dangers known, if the regulations/notes for storage and handling are considered.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Formula	M.Weight	Concentration
Lauryl Glucoside	110615-47-9	600-975-8	C ₁₈ H ₃₆ O ₆	348.47	>= 50.0 - < 75.0%

4 FIRST AID MEASURES

Eye	Immediately flush eyes with plenty of water for 10 to 15 minutes. If required Consult an ophthalmologist.
Skin	Wash immediately with plenty of water and soap. If required seek medical attention.
Ingestion	Wash out mouth with water provided person is conscious. If required seek medical attention.
Inhalation	Remove to fresh air. If breathing is irregular, administer artificial respiration. If required seek medical attention.
Hints for Physician:	Treat symptomatically

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture : Toxic fumes.

Advice for firefighters : Wear Protective equipment. Wear a self-contained breathing apparatus.

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

MATERIAL SAFETY DATA SHEET

LAURYL GLUCOSIDE

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions :** Use personal protective clothing.
- Environmental precautions :** Do not discharge into drains/surface waters/groundwater
- Methods for 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 regulations.

7 HANDLING & STORAGE

- Precautions:** 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.
- Storage:** Keep container tightly closed in an upright position to prevent leakage. Store in a cool, dry, well-ventilated area away from incompatible substances.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures:** Ensure adequate ventilation..
- Industrial Hygiene:** Mechanical exhaust required. Safety shower and eye shower.
- Hand protection :** Wear compatible chemical-resistant gloves to prevent skin exposure.
- Eye protection :** Wear appropriate protective eyeglasses.
- Skin and body protection :** Wear compatible chemical-resistant gloves and clothing to prevent skin exposure
- Respiratory protection :** Not applicable with adequate ventilation. Wear NIOSH/MSHA approved respirator.

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|-------------------------|-----------------------|------------------------------|--------------------------------------|
| Physical state : | liquid, viscous | Freezing point : | No data available |
| Color : | light yellow | Boiling point : | >100 °C |
| Odor : | slight odour. | Flash point : | >101°C Aqueous preparation |
| Odor threshold : | not applicable | Density : | 1.07-1.08 g/cm ³ at 20 °C |
| pH : | 9.0 – 13.0 (10% Soln) | Solubility in water : | Dispersible |

10 STABILITY AND REACTIVITY

- Reactivity:** No hazardous reactions if stored and handled as prescribed/indicated..
- Chemical Stability:** No Data Available
- Hazardous reactions** Reacts with oxidizing agents. Reacts with strong acids
- Conditions to Avoid:** Incompatible materials
- Incompatible Materials:** No substances known that should be avoided.
- Hazardous Decomposition:** No hazardous decomposition products known.

11 TOXICOLOGICAL INFORMATION

Acute toxicity:

Acute toxicity (oral/ dermal/ inhalation) : Not classified

D-Glucopyranose, oligomeric, C10-16 alkyl glycosides (110615-47-9)	
LD50 oral rat	> 5000 mg/kg (OECD 401)
LD50 dermal rabbit	> 5000 mg/kg OECD 402
LC50 Inhalation - Rat	not determined

- Skin irritation:** May cause skin irritation
- Serious eye damage irritation:** May cause eye irritation
- Respiratory or skin sensitization:** No data available
- Repeated dose toxicity:** No data available
- STOT – single/exposure:** No data available
- STOT - repeated exposure:** No data available

MATERIAL SAFETY DATA SHEET

LAURYL GLUCOSIDE

12 ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity: Acutely harmful for aquatic organisms.

(Fish) (96hrs) LC50 >10 mg/ l (calculated)

(Daphnia magna) (48hrs) EC50 > 7 mg/l (calculated)

(Danio rerio) (96hrs) EC50 > 2.95 mg/l (CAS: 110615-47-9)

(Aquatic plants) EC50 > 10 - 100 mg/l

Persistence and degradability Readily biodegradable.

Bioaccumulative potential (96 hrs) The product has no potential for bioaccumulation.

Mobility in soil This product is predicted to degrade in soil.

Results of PBT and vPvB assessment No data available for product.

13 DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14 TRANSPORT INFORMATION

TGD (Land) : Not a hazardous material with respect to these transportation regulations.

IMO-IMDG Shipping Description (Sea) : Not a hazardous material with respect to these transportation regulations.

IATA /ICAO (Air) : Not a hazardous material with respect to these transportation regulations.

15 REGULATORY INFORMATION

Federal Regulations

Registration status:

Cosmetic TSCA, US released / exempt

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories):

Acute

NFPA Hazard codes:

Health: 3 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 3 Flammability: 1 Physical hazard: 0

16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.