

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : LAURYL GLUCOSIDE  
Product code : LAURYL GLUCOSIDE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : cosmetic, detergent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

INTERCHIMIE  
ZAC du Parc 13 rue Louis Blériot  
FR- 77290 COMPANS  
T T: +33 (0)1 64 77 76 27  
[qualite@interchimie.fr](mailto:qualite@interchimie.fr) - [www.interchimie.fr](http://www.interchimie.fr)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Contains : D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
Precautionary statements (CLP) : P280 - Wear protective gloves, eye protection, face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII  
Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                                                | Product identifier                                                      | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------------------------------------------------------------|-------------------------------------------------------------------------|---------|-----------------------------------------------------------------|
| Water                                                               | CAS-No.: 7732-18-5<br>EC-No.: 231-791-2<br>REACH-no: EXEMPTÉ            | 40 – 80 | Not classified                                                  |
| D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides | CAS-No.: 110615-47-9<br>EC-No.: 600-975-8<br>REACH-no: 01-2119489418-23 | 20 – 60 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318                         |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  
First-aid measures after ingestion : Rinse mouth out with water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Irritation.  
Symptoms/effects after eye contact : Serious damage to eyes.

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

Treat with corticosteroid spray as soon as possible after inhalation. Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. produit de pyrolyse, toxique.

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Prevent fire fighting water from entering the environment.

## SECTION 6: Accidental release measures

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

- General measures : Evacuate area. Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Handling temperature :  $\leq 60$  °C Properties of the product change irreversibly on exceeding the limit temperature
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Storage temperature :  $\leq 43$  °C

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Physical state            | : Liquid                                                              |
| Colour                    | : light yellow.                                                       |
| Appearance                | : Viscous liquid.                                                     |
| Odour                     | : characteristic.                                                     |
| Odour threshold           | : Not available                                                       |
| Melting point             | : ≈ 5 °C (DIN ISO 3016)                                               |
| Freezing point            | : Not available                                                       |
| Boiling point             | : > 250 °C                                                            |
| Flammability              | : Not applicable                                                      |
| Explosive limits          | : Not available                                                       |
| Lower explosion limit     | : Not available                                                       |
| Upper explosion limit     | : Not available                                                       |
| Flash point               | : > 100 °C (for D-Glucopyranose, oligomeric, C10-16-alkyl glycosides) |
| Auto-ignition temperature | : > 300 °C                                                            |

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|                                                 |                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------|
| Decomposition temperature                       | : > 350 °C                                                        |
| pH                                              | : Not available                                                   |
| pH solution                                     | : 11.5 – 12.5 % (20%) DIN EN1262                                  |
| Viscosity, kinematic                            | : Not available                                                   |
| Viscosity, dynamic                              | : 16000 (23°C) / 2000-4000 (40°C) (DIN EN 12092)                  |
| Solubility                                      | : Soluble in water.                                               |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                                                   |
| Partition coefficient n-octanol/water (Log Pow) | : ≤ -0.07                                                         |
| Vapour pressure                                 | : < 0.1 hPa (20°C)                                                |
| Vapour pressure at 50 °C                        | : Not available                                                   |
| Density                                         | : Not available                                                   |
| Relative density                                | : ≈ 1.08 g/cm <sup>3</sup> (40°C) / 1.07 g/cm <sup>3</sup> (70°C) |
| Relative vapour density at 20 °C                | : Not available                                                   |
| Particle characteristics                        | : Not applicable                                                  |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Oxidizing agent. Strong reducing agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon dioxide. Toxic fumes. Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

|                       |                |
|-----------------------|----------------|
| LD50 oral rat         | > 5000 mg/kg   |
| LD50 dermal rabbit    | > 2000 mg/kg   |
| LC50 Inhalation - Rat | not determined |

|                               |                              |
|-------------------------------|------------------------------|
| Skin corrosion/irritation     | : Causes skin irritation.    |
| Serious eye damage/irritation | : Causes serious eye damage. |

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|                                   |                  |
|-----------------------------------|------------------|
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity            | : Not classified |
| Carcinogenicity                   | : Not classified |
| Reproductive toxicity             | : Not classified |
| STOT-single exposure              | : Not classified |
| STOT-repeated exposure            | : Not classified |
| Aspiration hazard                 | : Not classified |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                        |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                                                                                        |

#### LAURYL GLUCOSIDE

|                      |                                                                     |
|----------------------|---------------------------------------------------------------------|
| LC50 - Fish [1]      | 1 – 10 mg/l 96h - Brachydanio rerio (OECD 203, ISO 7376, 84/449/CE) |
| EC50 - Crustacea [1] | 10 – 100 mg/l 48h - Daphnia magna (OECD 202)                        |
| EC50 72h - Algae [1] | 10 – 100 mg/l 72h - Desmodesmus subspicatus (88/302/EEC)            |

#### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

|                      |                                       |
|----------------------|---------------------------------------|
| LC50 - Fish [1]      | 5.9 mg/l 96h - Brachydanio rerio      |
| EC50 - Crustacea [1] | 14 mg/l 48h - Daphnia magna           |
| EC50 72h - Algae [1] | 25 mg/l 72h - Desmodesmus subspicatus |

### 12.2. Persistence and degradability

#### LAURYL GLUCOSIDE

|                               |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability | Readily biodegradable. This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

|                              |                                    |
|------------------------------|------------------------------------|
| Chemical oxygen demand (COD) | > 99.4 OECD 303A, ISO 11733, 92/69 |
| BOD (% of ThOD)              | 88 % ThOD OECD 301D, EEC 92/69     |

### 12.3. Bioaccumulative potential

#### LAURYL GLUCOSIDE

|                                                 |         |
|-------------------------------------------------|---------|
| Partition coefficient n-octanol/water (Log Pow) | ≤ -0.07 |
|-------------------------------------------------|---------|

#### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

|                                                 |         |
|-------------------------------------------------|---------|
| Partition coefficient n-octanol/water (Log Pow) | ≥ -0.07 |
|-------------------------------------------------|---------|

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 12.4. Mobility in soil

#### LAURYL GLUCOSIDE

|                  |                         |
|------------------|-------------------------|
| Mobility in soil | absorption not expected |
|------------------|-------------------------|

### 12.5. Results of PBT and vPvB assessment

#### LAURYL GLUCOSIDE

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG                                                      | IATA                              | ADN                               | RID                               |
|-----------------------------------------|-----------------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>14.1. UN number or ID number</b>     |                                                           |                                   |                                   |                                   |
| Not applicable                          | Not applicable                                            | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.2. UN proper shipping name</b>    |                                                           |                                   |                                   |                                   |
| Not applicable                          | Not applicable                                            | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.3. Transport hazard class(es)</b> |                                                           |                                   |                                   |                                   |
| Not applicable                          | Not applicable                                            | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.4. Packing group</b>              |                                                           |                                   |                                   |                                   |
| Not applicable                          | Not applicable                                            | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.5. Environmental hazards</b>      |                                                           |                                   |                                   |                                   |
| Dangerous for the environment: No       | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available  |                                                           |                                   |                                   |                                   |

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Inland waterway transport

No data available

### Rail transport

No data available

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

##### Switzerland

Storage class (LK) : LK 10/12 - Liquids

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes

| Section | Changed item          | Change   | Comments |
|---------|-----------------------|----------|----------|
|         | Revision date         | Added    |          |
|         | Supersedes version of | Modified |          |
|         | Regulatory framework  | Added    |          |
|         | Issue date            | Modified |          |



# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Abbreviations and acronyms: |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate                                                                         |
| BCF                         | Bioconcentration factor                                                                         |
| BLV                         | Biological limit value                                                                          |
| BOD                         | Biochemical oxygen demand (BOD)                                                                 |
| COD                         | Chemical oxygen demand (COD)                                                                    |
| DMEL                        | Derived Minimal Effect level                                                                    |
| DNEL                        | Derived-No Effect Level                                                                         |
| EC-No.                      | European Community number                                                                       |
| EC50                        | Median effective concentration                                                                  |
| EN                          | European Standard                                                                               |
| IARC                        | International Agency for Research on Cancer                                                     |
| IATA                        | International Air Transport Association                                                         |
| IMDG                        | International Maritime Dangerous Goods                                                          |
| LC50                        | Median lethal concentration                                                                     |
| LD50                        | Median lethal dose                                                                              |
| LOAEL                       | Lowest Observed Adverse Effect Level                                                            |
| NOAEC                       | No-Observed Adverse Effect Concentration                                                        |
| NOAEL                       | No-Observed Adverse Effect Level                                                                |
| NOEC                        | No-Observed Effect Concentration                                                                |
| OECD                        | Organisation for Economic Co-operation and Development                                          |
| OEL                         | Occupational Exposure Limit                                                                     |
| PBT                         | Persistent Bioaccumulative Toxic                                                                |
| PNEC                        | Predicted No-Effect Concentration                                                               |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS                         | Safety Data Sheet                                                                               |
| STP                         | Sewage treatment plant                                                                          |
| ThOD                        | Theoretical oxygen demand (ThOD)                                                                |
| TLM                         | Median Tolerance Limit                                                                          |
| VOC                         | Volatile Organic Compounds                                                                      |
| CAS-No.                     | Chemical Abstract Service number                                                                |
| N.O.S.                      | Not Otherwise Specified                                                                         |
| vPvB                        | Very Persistent and Very Bioaccumulative                                                        |
| ED                          | Endocrine disrupting properties                                                                 |

Data sources : This MSDS has been established with data of MSDS coming from upstream suppliers.

# LAURYL GLUCOSIDE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Full text of H- and EUH-statements:

|               |                                               |
|---------------|-----------------------------------------------|
| Eye Dam. 1    | Serious eye damage/eye irritation, Category 1 |
| H315          | Causes skin irritation.                       |
| H318          | Causes serious eye damage.                    |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2         |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.