

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

### 1.1. Product identifier

Product form : Mixture  
Product name : LAURYLETHER SULFATE DE SODIUM 27%  
Product code : LAURITOL LC6

### 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 : tensio-actif

#### 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  
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H statements : see section 16

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

Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H412 - Harmful to aquatic life with long lasting effects.

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing 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 POISON CENTER or doctor.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

### 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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : UVCB

| 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   | 72 – 75 | Not classified   |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | (CAS-No.) 68891-38-3<br>(EC-No.) 500-234-8<br>(EC Index-No.) #: 68891-38-3<br>(REACH-no) 01-2119488639-16 | 25 – 28 | Eye Dam. 1, H318<br>Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If symptoms persist call a doctor. If possible show this sheet, if not available show packaging or label.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.  
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 : 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 inhalation : May cause respiratory irritation. Cough. Headache.  
Symptoms/effects after skin contact : Irritation. Rednesses.  
Symptoms/effects after eye contact : Serious damage to eyes.  
Symptoms/effects after ingestion : Abdominal pain, nausea.

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

Treat symptomatically.

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
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 oxides (CO, CO<sub>2</sub>).

#### 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 : Toxic to aquatic life with long lasting effects. Prevent fire fighting water from entering the environment.

### SECTION 6: Accidental release measures

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

General measures : Clean up any spills as soon as possible, using an absorbent material to collect it. Spill area may be slippery.

##### 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. Prevent entry to sewers and 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 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

### 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.  
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 : 10 – 45 °C

#### 7.3. Specific end use(s)

No additional information available

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| LAURYLETHER SULFATE DE SODIUM 27%        |                         |
|--|-------------------------|
| <b>DNEL/DMEL (Workers)</b>               |                         |
| Long-term - local effects, dermal        | 2750 mg/kg bw/day       |
| Long-term - systemic effects, inhalation | 175 mg/m <sup>3</sup>   |
| <b>DNEL/DMEL (General population)</b>    |                         |
| Long-term - systemic effects, oral       | 15 mg/kg bodyweight/day |
| Long-term - local effects, dermal        | 1650 mg/kg bw/day       |
| Long-term - local effects, inhalation    | 52 mg/m <sup>3</sup>    |
| <b>PNEC (Water)</b>                      |                         |
| PNEC aqua (freshwater)                   | 0.24 mg/l               |
| PNEC aqua (marine water)                 | 0.024 mg/l              |
| PNEC aqua (intermittent, freshwater)     | 0.071 mg/l              |
| <b>PNEC (Soil)</b>                       |                         |
| PNEC soil                                | 0.946 mg/kg dwt         |

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer.

| Hand protection:          |                      |                   |                |             |          |
|---------------------------|----------------------|-------------------|----------------|-------------|----------|
| Protective gloves. EN 374 |                      |                   |                |             |          |
| Type                      | Material             | Permeation        | Thickness (mm) | Penetration | Standard |
|                           | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.11           |             |          |

| Eye protection:        |
|------------------------|
| Safety glasses. EN 166 |

| Skin and body protection:         |
|-----------------------------------|
| Wear suitable protective clothing |

| Respiratory protection:  |
|--|
| In case of insufficient ventilation, wear suitable respiratory equipment. EN 14387 |

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



##### Environmental exposure controls:

Avoid release to the environment.

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 9: Physical and chemical properties

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

|   |  |
|---|--|
| Physical state                                  | : Liquid                                 |
| Colour  | : Colourless. Yellow.                    |
| Odour   | : Neutral.                               |
| Odour threshold                                 | : No data available                      |
| pH  | : No data available                      |
| pH solution                                     | : 10 (7 – 8) %                           |
| Relative evaporation rate (butylacetate=1)      | : No data available                      |
| Melting point                                   | : < 5 °C                                 |
| Freezing point                                  | : 0 °C                                   |
| Boiling point                                   | : > 100 °C                               |
| Flash point                                     | : > 100 °C                               |
| Auto-ignition temperature                       | : No data available                      |
| Decomposition temperature                       | : > 50 °C                                |
| Flammability (solid, gas)                       | : Not applicable                         |
| Vapour pressure                                 | : No data available                      |
| Relative vapour density at 20 °C                | : 1.03 – 1.04 g/cm <sup>3</sup>          |
| Relative density                                | : No data available                      |
| Solubility                                      | : soluble in water. Soluble in methanol. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                      |
| Viscosity, kinematic                            | : No data available                      |
| Viscosity, dynamic                              | : 0.1 – 1 Pa·s                           |
| Explosive properties                            | : No dangerous reactions known.          |
| Oxidising properties                            | : No data available                      |
| Explosive limits                                | : No data available                      |

#### 9.2. Other information

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

Strong acids. Strong bases. Strong oxidizers. Metals.

#### 10.6. Hazardous decomposition products

Toxic fumes. Sulphur oxides. Carbon oxides (CO, CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

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

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Acute toxicity (inhalation) : Not classified

| LAURYLETHER SULFATE DE SODIUM 27% |                       |
|-----------------------------------|-----------------------|
| LD50 oral rat                     | 4100 mg/kg OECD 401   |
| LD50 dermal rat                   | > 2000 mg/kg OECD 402 |

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

| LAURYLETHER SULFATE DE SODIUM 27% |                                 |
|-----------------------------------|---------------------------------|
| NOAEL (oral, rat)                 | > 225 mg/kg bodyweight OECD 408 |

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

| LAURYLETHER SULFATE DE SODIUM 27% |  |
|-----------------------------------|--|
| LC50 fish 1                       | 7.1 mg/l 96H- OECD 203 - branchydanio rerio        |
| EC50 Daphnia 1                    | 7.2 mg/l 48h- 48h - daphnia magna                  |
| EC50 72h algae (1)                | 27.7 mg/l 72h - ECCD 201 - desmodesmus subspicatus |
| NOEC chronic fish                 | 0.1 mg/l 28h - OECD 204 - oncorhynchus mykiss      |
| NOEC chronic crustacea            | 0.27 mg/l 21j - OECD 211 - daphnia magna           |

### 12.2. Persistence and degradability

| LAURYLETHER SULFATE DE SODIUM 27% |   |
|-----------------------------------|---|
| Persistence and degradability     | Biodegradable. This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. |
| Biodegradation                    | 82.5 % OECD 301D (EMPLA 565/2006)   |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 12.5. Results of PBT and vPvB assessment

#### LAURYLETHER SULFATE DE SODIUM 27%

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. 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.  
European List of Waste (LoW) code : 16 03 05\* - organic wastes containing dangerous substances  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

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

| ADR                                     | IMDG  | IATA                               | ADN                                | RID                                |
|---|---|------------------------------------|------------------------------------|------------------------------------|
| <b>14.1. UN 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

#### Inland waterway transport

No data available

#### Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 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

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

| 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   |
| BLV                         | Biological limit value  |
| CAS-No.                     | Chemical Abstract Service number  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC50                        | Median effective concentration  |
| EC-No.                      | European Community number   |
| EN                          | European Standard   |
| 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  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                         | Safety Data Sheet   |



# LAURYLETHER SULFATE DE SODIUM 27%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|      |  |
|------|--|
| vPvB | Very Persistent and Very Bioaccumulative |
| WGK  | Water Hazard Class                       |

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

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| H315                                | Causes skin irritation.   |
| H318                                | Causes serious eye damage.  |
| H412                                | Harmful to aquatic life with long lasting effects.                |

SDS EU (REACH Annex II)

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.