

## SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

**THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST**

### 1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

#### Product identifier

**Commercial Name:** LATHANOL LAL COARSE  
**INCI Name:** SODIUM LAURYL SULFOACETATE  
**CAS No:** 1847-58-1  
**EINECS No:** 217-431-7  
**TSCA CAS No:** 939-512-2  
**FEMA:** -  
**Reach Name:** Acetic acid , 2-sulfo-, mono-C12-C14 (even numbered)-alkylesters, sodium salts  
**IUPAC Name:** Sodium-2-(dodecyloxy)-2-oxoethane-1-sulphonate  
**Origin:** U.S.A

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

**Identified use (s):** Surfactant material for manufacturing purposes only.

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

**Company Name:** SOAPMAKERS STORE  
**Contact:** JOHN BLACK  
**Address:** Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND  
**Telephone :** ☎ + 44 (0) 1908 334108  
**Fax:** ☎ + 44 (0) 1908 211376  
**Email :** ✉ sales@soapmakers-store.com  
**Emergency Tel. No.:** ☎ + 44 (0) 1908 334108

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

**Symbols:**



**Signal word:** WARNING

| Hazard Class              | Abbreviation | Hazard Category | Hazard Code | Hazard Statement                                  |
|---------------------------|--------------|-----------------|-------------|---|
| Eye Damage/Irritation     | EDI          | 2B              | H320        | Causes eye irritation                             |
| Skin Corrosion/Irritation | SCI          | 2               | H315        | Causes skin irritation                            |
| Environmental Acute       | EHA          | 3               | H402        | Harmful to aquatic life                           |
| Environmental Chronic     | EHC          | 3               | H412        | Harmful to aquatic life with long lasting effects |
|                           |              |                 |             |   |



|   |
|---|
| <b>3. COMPOSITION/INFORMATION ON CONSTITUENTS</b> |
|---|

**Nature Of Product:** SLSA - LATHANOL LAL COARSE

The lauryl alcohol (Coconut & Palm kernel oil - fatty alcohol) is reacted with monochloroacetic acid ; this esterification step is followed by a sulfitation of the resulting lauryl chloroacetate

**Hazardous Constituents:**

| CONSTITUENT                | CAS NUMBER | <= %    | RELEVANT GHS            |
|----------------------------|------------|---------|-------------------------|
| Sodium Lauryl Sulfoacetate | 1847-58-1  | 65 - 72 | EDI 2B, SCI 2, EHA3, C3 |
| Sodium chloride            | 7647-14-5  | 10 - 18 | -                       |
| Sodium sulphate            | 7757-82-6  | 5 - 18  | -                       |
| Alcohol C12 - 14           | 80206-82-2 | < 3     | SCI 2, EH A1            |
| Aqua                       | 7732-18-5  | < 1.5   |                         |
|                            |            |         |                         |
|                            |            |         |                         |
|                            |            |         |                         |

**Allergen Constituents Information (7th Amendment Cosmetic Directive 76/768/EEC ): None**

Batch analysis may show levels different to those indicated above, where this is available, batch specific analyzed levels can then be used instead of the indicative levels.

#### 4. FIRST AID MEASURES

- Ingestion:** No immediate danger. Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. May cause irritation after prolonged contact, if so seek medical advice.

#### 5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO2, Foam, Powder or water mist extinguishers only.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide). fire-fighters should wear suitable breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Wear precautionary safety gloves and glasses & FFPI Nuisance Dust mask. (Consult sections 7 & 8 for additional information)
- Environmental Safety Precautions:** Eliminate all sources of ignition.  
Prevent any material entering drains or waterways.

Damp down, or cover with inert material, sweep up or vacuum avoiding dust formation.  
Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

#### 7. HANDLING AND STORAGE

- Handling Precautions:** Use in a well ventilated area. Should be treated as a nuisance dust under normal conditions of use. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure.
- Storage Precautions:** Product is stable at room temperature.  
Keep away from sources of ignition.  
Store in tightly sealed containers, in a cool dry place away from direct sunlight.  
Prevent access by unauthorised personnel.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Ensure adequate ventilation.  
Precautionary nuisance dust mask recommended.



- Skin/Hand Protection:** Use chemical resistant safety gloves.  
Polyvinyl alcohol or nitrile rubber gloves are recommended.



- Eye/Face Protection:** Wear safety glasses/visors.  
Ensure eye washes are available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| <b>Appearance:</b>                           | Free flowing white powder                              |
| <b>Active ingredient:</b>                    | min 65.0%  |
| <b>pH (5% aqueous):</b>                      | 5.0 - 7.5  |
| <b>Moisture Content:</b>                     | max 1.5 %  |
| <b>Zein Score:</b>                           | ≤ 55.0% (SLS= 100% , lower values = milder surfactant) |
| <b>BCI (Bio renewable Carbon Index):</b>     | 86% derived from bio renewable resource                |
| <b>CMC (critical micelle concentration):</b> | 131 mg/L   |
| <b>Surface Tension :</b>                     | 23 mN/m  |

## 10. STABILITY AND REACTIVITY

**Thermal stability:** Product is stable at room temperature.  
Keep away from any source of ignition.  
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

**Hazardous reactions:** Avoid strong oxidisers, acids and alkalis.

## 11. TOXICOLOGICAL INFORMATION

**Oral LD50:** 660 mg/kg bw > LD 50 (rats) < 1650 mg/kg bw  
**This product is NOT intended for oral use.**

**Dermal LD50:** LD 50 (rabbit) : > 2000 mg/kg bw

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

## 12. ECOLOGICAL INFORMATION

**Ecological effects:**

|               |       |            |          |
|---------------|-------|------------|----------|
| Aquatic Acute | Algae | EC50 Algae | 6.8 mg/l |
|               | Fish  | LC50 Fish  | 4.2 mg/l |

Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures.

Readily biodegradable - 70.2% after 28 days

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Do not pour into drains or waterways.  
Comply with local and national regulations for waste disposal.  
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

#### 14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

**UN Shipping Name (N.O.S.):** NOT CLASSIFIED  
**ADR/RID (Road/Rail):** Not Classified  
**IMDG/IMO (Sea):** Not Classified  
**ICAO/IATA (Air):** Not Classified  
**UN Number:** Not Classified  
**Packing Group:** Not Classified  
**Subsidiary Risk:**  
**Packing Instructions:** Not environmentally hazardous. Transport in suitable container.

#### Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

**UN Shipping Name:** NOT CLASSIFIED

#### 15. REGULATORY INFORMATION

**Product Classification:** SLSA - LATHANOL LAL COARSE.

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

**Classification:**



**WARNING**

**Hazard Categories:**

**EDI 2B** Causes eye irritation  
**SCI 2** Causes skin irritation  
**EH A3, C3** Harmful to aquatic life  
 Harmful to aquatic life with long lasting effects

#### 16. ADDITIONAL INFORMATION

**Legal disclaimer:**

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive.

Soapmakers Store is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.