

## 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:** ECOGEL™

**INCI Name:** Lysolecithin, Sclerotium Gum, Xanthan Gum, Pullulan & Silica  
**CAS No:** 85711-58-6, 39464-87-4, 11138-66-2, 9057-02-7 & 7631-86-9  
**EINECS No:** 288-318-8, 254-464-6, 234-394-2, 232-945-1 & 231-545-4  
**Chemical Name:** -  
**Origin:** France

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

**Identified use (s):** Emulsifier, Stabiliser/Thickening material for manufacturing purposes.

#### 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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

**Hazard Symbols:** NONE ALLOCATED

**Hazard Statement:** NON HAZARDOUS

### 3. COMPOSITION/INFORMATION ON CONSTITUENTS

**Nature Of Product:** ECOGEL™

Ecogel™ is a patented optimized combination of natural origin ingredients derived from a green process: lysophospholipids, xanthan gum, sclerotium gum, pullulan & silica. Its performances make it the first natural phospholipid-based gelling-emulsifying agent on the market. It allows the creation of natural gel-creams with an ultra-soft and light skin feel.

CONSTITUENTS	CAS NUMBER	RELEVANT GHS	% (W/W)
Lysolecithin	85711-58-6	-	30.0 - 40.0
Sclerotium Gum	39464-87-4	-	30.0 - 40.0
Xanthan Gum	11138-66-2	SCI 2, EDI 2A	10.0 - 20.0
Pullulan	9057-02-7	-	10.0 - 20.0
Silica	7631-86-9	-	1.0 - 3.0

#### 4. FIRST AID MEASURES

- Ingestion:** 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 CO<sub>2</sub>, Foam or Powder extinguishers only.  
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO<sub>2</sub> (carbon dioxide).

#### 6. ACCIDENTAL RELEASE MEASURES

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

Pick up mechanically. Store waste in suitable containers. Wash non-recoverable remainder with large amounts of water. Dispose of at a licensed waste collection point. 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:** Hygroscopic powder. Close well packaging after use. Only use in a well ventilated area. Avoid contact with skin and eyes. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- 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 and humidity  
Prevent access by unauthorised personnel.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**This product, as supplied, does not contain any hazardous materials with occupational exposure limits.**

**Respiratory Protection:** Ensure adequate ventilation. If dust occurs use an anti-dust mask P1 type (EN 143)

**Skin/Hand Protection:** Wear protective gloves, that comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374.

**Eye/Face Protection:** Safety glasses with side protections. Avoid wearing contact lenses.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Beige powder
<b>Odour:</b>	Characteristic
<b>Solids (%) :</b>	90 - 100
<b>Polar lipids (%) :</b>	30 - 45
<b>Peroxide value (meq/Kg):</b>	< 10

## 10. STABILITY AND REACTIVITY

**Thermal stability:** Product is stable at room temperature.  
Keep away from any source of ignition.

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

## 11. TOXICOLOGICAL INFORMATION

**Oral LD50:** Lysolecithin: LD50 (oral, rat): > 16000 mg/Kg : not toxic  
Sclerotium gum: not toxic  
Xanthan gum: LD50 (oral, rat): > 45,000 mg/Kg : not toxic  
Pullulan: LD50 (oral, mice) > 14 280 mg/Kg : not toxic

**This product is NOT intended for oral use.**

**Dermal LD50:** N/A

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:** Readily biodegradable. Data available for ECOGEL™ Average percentage of biodegradability: 65.66% in 28 days (method: OECD 301D)  
Source: Study made in October 2012

Aquatic toxicity. Data available for ECOGEL™ EC50 (Daphnie: Daphnia magna) per 48 h: > 268.78 mg/L Method: OECD 202 Source: Study made in October 2012  
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

## 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 regulated  
**ADR/RID (Road/Rail):** Not restricted  
**IMDG-CODE (Sea):** Not listed  
**ICAO/IATA (Air):** Not regulated  
**UN Number:**  
**Packing Group:**  
**Subsidiary Risk:**  
**Packing Instructions:** Non-hazardous substance, transport in suitable container.

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

**UN Shipping Name:** NOT REGULATED

#### 15. REGULATORY INFORMATION

**Product Classification:** ECOGEL™

**Classification:** NON- HAZARDOUS

**Safety Precautions:** Do not eat, drink or smoke when using this product.  
Wear protective gloves and wash hands thoroughly after handling.  
Keep container tightly closed.  
Avoid release to the environment.

#### 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.