



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 05.05.2017

Version 1.0

### LYSOLECITHIN

#### 1. Identification of the substance/preparation and the company

Trade name: Lysolecithin, non-gmo  
 Utilization: Cosmetic ingredient  
 Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania  
 identification: Tel/Fax: +40259-436.755, [www.elemental.eu](http://www.elemental.eu)  
 Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

#### 2. Hazards Identification

In accordance to Regulation No.1272/2008/EC the product is classified as not hazardous. Low hazard may be expected for usual industrial or commercial handling by trained personnel.

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

Classification in accordance to Regulation No. 1272/2008/EC (CLP) not hazardous

Note of danger: no particular hazards known

Classification: not hazardous

##### 2.2. Label elements

Labelling according to Regulation 1272/2008/EC (CLP)

Symbol: not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Signal word: none

Contains: not necessary

Hazard statements: no hazard statements

Precautionary statements: no precautionary statements

##### 2.3. Other Hazards

None known.

#### 3. Composition / Information on ingredients

##### 3.1. Substances

According to Regulation 1272/2008/EC

Ingredient	Identification	Content	Classification
Hydrolysed Lecithin	CAS No.: 85711-58-6	EINECS No.: 288-313-8	100 %

##### 3.2. Mixtures

In accordance with the legal regulations no components have to be declared.

#### 4. First Aid

##### 4.1. Description of first aid measures

Remove soiled or soaked clothing immediately. If someone exposed to the product feels unwell, contact a doctor and show this safety data sheet. Adhere to personal protective measures when giving first aid.

Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.

Ingestion: First aid is normally not required.

Eyes: Any material that contacts the eyes should be washed out immediately with plenty of water. Contacts had to be removed. Get medical attention promptly if symptoms occur after washing.

Skin: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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



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No symptoms known.

4.3. Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

### 5. Fire-fighting Measures

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

#### 5.1. Extinguishing media

Suitable extinguishing media: Water, Water Spray, Foam, Dry chemical powder, Carbon dioxide(CO2)

Unsuitable extinguishing media: none known

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

No data available.

#### 5.3. Advice for firefighters

Fire fighters should wear protective clothes and self-contained breathing apparatus with face shield. Avoid eye and skin contact.

### 6. Accidental release measures:

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

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material- specific slip danger.

Provide adequate ventilation. Put on appropriate personal protective equipment (see section 8).

#### 6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### 6.3 Methods and materials for containment and cleaning up

Large spill:

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, oil absorbing material and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Small spill:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry and oil absorbing material. Place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### 6.4. Reference to other sections

For protective equipment see section 8 and for disposal see section 13.

### 7. Handling and Storage

#### 7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

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

Store in accordance with local regulations. Store in original containers under nitrogen. Protect from direct sunlight in a dry, cool and well-ventilated area, away from incompatible material (see section 10), food and drink. Keep container



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tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Recommended storage temperature: 15-35° C

7.3. Specific end uses

No data available.

### 8. Exposure Controls and Personal Protection

#### 8.1. Control parameters

Exposure limit values: not established

#### 8.2. Exposure controls

Appropriate engineering controls



Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Exposure limits and specific controlling parameters according to occupational safety:

Hygiene: In general, hands, forearm and face had to be washed after working with chemicals, especially before meal, smoking and bathroom visit. Change also contaminated clothes and clean it before reuse. Maintain eye effusion and safety shower within working area.

Inhalation protection: No special inhalation protection needed. Where risk assessment shows air-purifying respirators are appropriate, use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards.

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived.

Body protection: The type of protective equipment must be selected according to the type, concentration and amount of the dangerous substance at the specific workplace.

Eye/Face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Exposure limits and specific controlling parameters according to environmental safety:

Do not let product enter drains

### 9. Physical and Chemical Properties

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

Appearance form: Liquid to viscous oil or waxy, colour: characteristic, brown

Odour: characteristic

pH: not relevant

Lyso content: 25%

Melting point: no data available

Boiling point: no data available

Flash point: no data available

Evaporation rate: no data available

Flammability: no data available

Upper/lower flammability or explosive limits: no data available

Vapour Pressure: no data available

Vapour density (Air=1): no data available

Relative density: no data available

Water solubility: dispersible



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Partition coefficient (Octanol/Water log Pow): no data available

Autoignition Temperature: no data available

Decomp. Temperature: no data available

Viscosity (60°C): max. 35 Pa.s

Explosive properties: no data available

Oxidizing properties: no data available

#### 9.2. Other information

No further data available

### 10. Stability and Reactivity

10.1 Reactivity: none

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Under normal conditions and in normal use, there are no dangerous reactions.

10.4 Conditions to avoid: Forms slippery/greasy layers with water.

10.5 Incompatible materials: strong oxidizing agents

10.6 Hazardous decomposition products: no data available

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire/ burns carbon oxides are formed.

### 11. Toxicological Information

11.1 Information on toxicological effects

Acute oral toxicity : This information is not available.

Acute inhalation toxicity : This information is not available.

Acute dermal toxicity : This information is not available.

Acute toxicity (other routes of administration): No data is available on the product itself.

Skin corrosion/irritation Skin irritation: No data is available on the product itself.

Eye irritation : direct contact with eyes may cause temporary irritation

Respiratory or skin sensitisation: No data is available on the product itself.

Germ cell mutagenicity : No data is available on the product itself.

Carcinogenicity : this product is not considered to be a carcinogen by IARC, ACGIH, NTPorQSHA

Reproductive toxicity : No data is available on the product itself.

Target Organ Systemic Toxicant - Single exposure: No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure: No data is available on the product itself.

Aspiration toxicity : No data is available on the product itself.

Phototoxicity : No data is available on the product itself.

Further information : no data available

### 12. Ecological Information

12.1. Toxicity: no information available

12.2. Persistence and degradability: no information available

12.3. Bioaccumulative potential: No additional information available

12.4. Mobility in soil: No additional information available

12.5. Results of PBT and vPvB assessment: No additional information available

12.6. Other adverse effects: No information available.

12.7 Additional information : General advice: Do not let the product get into soil or draining system.



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### 13. Disposal Considerations

#### 13.1. Waste treatment methods

Appropriate methods of disposal:

Product: Dispose of as a food product in accordance with local, state and federal regulations. Examine possibilities for re-utilization. Product residues and unclean empty containers should be packaged, sealed, labelled and disposed of or recycled according to relevant national and local regulations. Where large quantities are concerned, consult the supplier. When unclean empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues. For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste List E (EWL).

Packaging: Disposal in compliance with the official regulations. Handle the contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

### 14. Transport Information

14.1 UN number ADR/RID: - IMDG: - IATA: - Not regulated for transport

14.2 UN proper shipping name

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods

14.3 Transport hazard class(es) ADR/RID: - IMDG: - IATA: -

14.4 Packaging group ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user: For information on handling, see section 7. For information on personal protective equipment, see section 8. For information on disposal, see section 13.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
IBC code : Not defined.

### 15. Additional Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No warning label, this product is not classified as hazardous in accordance with (EC) 1272/2008 (CLP).

15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

### 16. Other Information

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.

Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).



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CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.