

## Material safety data sheet

According to EU Regulation 1907/2006 in the current version

### ALOE VERA OIL

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

Trade name: Aloe Vera Oil  
 I.N.C.I.: Glycine Soja Oil, Aloe Barbadensis Leaf Extract, Tocopherol  
 CAS No. : 8006-44-8  
 EINESCS No. : 232-347-0  
 REACH pre-registration No. : /  
 Utilization: Raw material for cosmetics  
 Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
 Tel/Fax: +40259-436.755, www.ellemental.com  
 Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.  
 International emergency number: +49 180 2273-112

#### 2. Hazards Identification

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

Regulation (EC) No. 1272/2008

This product is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

##### 2.2 Label elements

None

##### 2.3 Other hazards:

No information available

#### 3. Declaration of ingredients

##### 3.1. Substances

Non-applicable

##### 3.2. Mixtures

Substance	C.A.S.	Classification	Percent %
Glycine soja oil	8001-22-7	Not classified as a hazardous substance	>98%
Aloe barbadensis leaf extract	94349-62-9 85507-69-3	Not classified as a hazardous substance	<1%
Tocopherol	10191-41-0	Not classified as a hazardous substance	<1%

#### 4. First aid measures

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

If used properly, no special measures are necessary.

After inhalation: Provide fresh air.

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After contact with skin: Clean skin with water and soap. Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

After ingestion: Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

### 5. Fire fighting measures

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#### 5.1. Extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Suitable extinguishing media

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

This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container.

#### 5.3. Extinguishing media

In case of fire: Wear self-contained breathing apparatus.

### 6. Accidental release measures

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

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact.

#### 6.2. Environmental precautions

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

Shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13

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

Safe handling: see section 7

Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.

### 7. Handling and storage

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#### 7.1. Precautions for safe handling

Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

Advice on safe handling

No special fire protection measures are necessary.

Advice on protection against fire and explosion

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

Keep container tightly closed. Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

#### 7.3 Specific end uses

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

### 8. Exposure controls / personal protection

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#### 8.1 Control parameters

To date, no national critical limit values exist.



#### 8.2 Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection: Wear eye protection/face protection

Hand protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control

digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

In case of inadequate ventilation wear respiratory protection

### 9. Physical and chemical properties

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#### 9.1 Information on physical and chemical properties

Appearance:

Physical state at 20 °C: liquid

Appearance: Clear, light yellow liquid

Odour: light characteristic

Odour threshold: Non-applicable

Melting point at atmospheric pressure: na

Vapour pressure at 20 °C: Non-applicable

Vapour pressure at 50 °C: Non-applicable

Evaporation rate at 20 °C: Non-applicable

Density at 20 °C: 0.900 – 0.925 at 20°C

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Relative density at 20 °C: Non-applicable  
Dynamic viscosity at 20 °C: Non-applicable  
Kinematic viscosity at 20 °C: Non-applicable  
Kinematic viscosity at 40 °C: Non-applicable  
Concentration: Non-applicable  
pH: Non-applicable  
Vapour density at 20 °C: Non-applicable  
Partition coefficient n-octanol/water 20 °C: Non-applicable  
Solubility in water at 20 °C: insoluble, soluble in oils and lipids  
Decomposition temperature: not determined  
Explosive properties: Non-applicable  
Oxidising properties: Non-applicable  
Flammability (solid, gas): Non-applicable  
Autoignition temperature: not determined  
Lower flammability limit: Non-applicable  
Upper flammability limit: Non-applicable  
Lower explosive limit: Non-applicable  
Upper explosive limit: Non-applicable

#### 9.2 Other information

None

## 10. Stability and reactivity

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### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions. Oxidation with atmospheric oxygen.  
Formation of free fatty acids.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid:

Keep away from heat sources, open flames and sunlight

### 10.5. Incompatible materials

Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

### 10.6. Hazardous decomposition products

Product does not decompose at proper handling.

## 11. Toxicological information

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### 11.1 Information on toxicological effects

The product is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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#### Acute toxicity:

In compliance with generally accepted uses and quantities are no negative impacts to be expected.

LD50 oral: not determined

LD50 dermal: not determined

LC50: not determined

Inhalation: There is not expected negative impact.

Ingestion: There is not expected negative impact.

Skin contact: There is not expected negative impact.

Eye contact: There is not expected negative impact.

Skin corrosion/irritation: In compliance with generally accepted uses and quantities are no negative impacts to be expected.

Serious eye damage/irritation: In compliance with generally accepted uses and quantities are no negative impacts to be expected.

Respiratory or skin sensitization: In compliance with generally accepted uses and quantities are no negative impacts to be expected.

Germ cell mutagenicity: There is not expected negative impact.

Carcinogenicity: There is not expected negative impact.

Reproductive toxicity: There is not expected negative impact.

STOT-single exposure: No information available

STOT-repeated exposure: No information available

Aspiration hazard: No information available

## 12. Ecological information

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### 12.1. Toxicity

No information available

### 12.2. Persistence and degradability

Biologically well degradable

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria

### 12.6 Other adverse effects

No data available

## 13. Disposal considerations

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Recommendation: Collect and dispose of waste product at an authorised disposal facility. Product remain-ders should not intrude in soil or waters.

#### 14. Transport information

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This product is not regulated for transport (ADR/RID,IMDG,IATA)

Transport in bulk according to An-nex II of MARPOL 73/78 and the IBC Code

Not defined

#### 15. Regulatory information

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

EU regulatory information

Information according to 2012/18/EU

(SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

15.2 Chemical safety assessment.

For this substance a chemical safety assessment has not been carried out

#### 16. Additional information

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Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

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.