



**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Dermosoft Complex**

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

Trade name:	Dermosoft Complex Multi functional additive, hydrating, conditioning, masking, with an excellent antimicrobial profile
INCI	Sodium levulinate, Sodium anisate, Glycerin, Aqua
CAS No. :	56-81-5; 7732-18-5; 19856-23-6; 536-45-8
EINESCS No. :	200-289-5; 231-791-2; 243-378-4; 208-634-1
REACH registration No. :	-
Utilization:	Raw material for cosmetic or professional use
Supplier company identification:	<b>Elemental SRL</b> , Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu
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**

**According to Hazardous Product Regulations**

**2.1 Physical Hazards**

Flammable liquids Category 4

**2.2 Health Hazards**

Serious Eye Damage/Eye Irritation Category 1

**2.3 Environmental Hazards**

Acute hazards to the aquatic environment Category 3

Hazard Symbol:



Signal Word: Danger

**2.4 Label Elements**

Hazard Statement: Combustible liquid.

Causes serious eye damage.

Harmful to aquatic life.

**2.5 Precautionary Statements**

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Wear protective gloves/eye protection/face protection.



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## 2.6 Response

**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/doctor. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:** Store in a well-ventilated place.

**Disposal:** Dispose of contents/ container to an approved waste disposal plant.

**Other hazards:** None known.

## 3. Declaration of ingredients

### 3.1 Chemical name:

Neutralized blend of organic acids in water and glycerol

## 4. First aid measures

### 4.1 Description of necessary first-aid measures

**General information:** Remove soiled or soaked clothing immediately

**Inhalation:** Ensure supply of fresh air. In the event of symptoms seek medical advice.

**Skin Contact:** In case of contact with skin wash off with soap and water. Consult a doctor in the event of permanent skin irritation.

**Eye contact:** In case of contact with eyes rinse thoroughly with water. Summon a doctor immediately.

**Ingestion:** Thoroughly clean the mouth with water Do NOT induce vomiting. Call a physician immediately.

**Personal Protection for First aid Responders:** Do not inhale explosion and/or combustion gases, Self-contained breathing apparatus.

### 4.2 Most important symptoms/effects, acute and delayed

Symptoms: No special hints.

Hazards: No data available.

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

Treatment: Treat symptomatically.

## 5. Fire fighting measures

### 5.1 Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** Full water jet



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**Specific hazards arising from the chemical:** In the event of fire the following can be released: - carbon dioxide, carbon monoxide. Under certain conditions of combustion traces of other toxic substances cannot be excluded

**5.2 Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Take measures to prevent the build up of electrostatic charge. Use only explosion-proof equipment. Keep away from heat and sources of ignition. Use only in well-ventilated areas.

**Special protective equipment for fire-fighters:** Do not inhale explosion and/or combustion gases Self-contained breathing apparatus.

**6. Accidental release measures**

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

Use personal protective equipment.

**6.2 Methods and material for containment and cleaning up**

Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

**6.3 Environmental Precautions**

Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

**7. Handling and storage**

**7.1 Precautions for safe handling**

Do not inhale gases/vapors/aerosols. Avoid contact with skin and eyes. No special measures necessary if stored and handled as prescribed.

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

Keep container tightly closed and dry in a cool, well-ventilated place Keep away from direct sunlight. Recommended storage temperature: 10 - 30 °C. Do not store < 5 °C Do not keep at temperatures above 30 °C.

**8. Exposure controls / personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

Observe national threshold limit values.

**Biological Limit Values**

Observe national threshold limit values.

**Appropriate Engineering Controls**

No data available.



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**8.2 Individual protection measures, such as personal protective equipment**

**General information:**

No data available.

**Eye/face protection:** close-fitting protective goggles (e.g. closed goggles) or face protection

**Hand Protection:** Additional Information: The protective gloves to be worn must satisfy the specifications of EC Guideline 89/686/EEC and the resulting Standard EN374., Specific workplace situations must be considered separately.

**Other:** protective clothing

**Respiratory Protection:** in case of formation of vapors/aerosols: Short term: filter apparatus, combination filter A-P2

**Hygiene measures:** Remove soiled or soaked clothing immediately. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when working.

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**9. Physical and chemical properties**

**9.1 Appearance**

Physical state: liquid

Form: liquid

Color: light yellow

Odor: Characteristic

Odor Threshold: not determined

pH: 7 - 8,5

Freezing point: not measured

Boiling Point: approx. 100 °C

Flash Point: > 85 °C

Evaporation Rate: not measured

Flammability (solid, gas): no data available

Flammability Limit - Upper (%): not measured

Flammability Limit - Lower (%): not measured

Vapor pressure: No data available.

Vapor density (air=1): not measured

Density: approx. 1,25 g/cm<sup>3</sup> (20 °C)

Relative density: No data available.

Solubility in Water: No data available.

Solubility (other): not measured

Partition coefficient (n-octanol/water): not measured

Autoignition Temperature: not measured

Decomposition Temperature: not measured

Kinematic viscosity: No data available.

Dynamic viscosity: < 10 mPa.s

Explosive properties: not measured

Oxidizing properties: No data available.



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## 10. Stability and reactivity

**Reactivity:** see section "Possibility of hazardous reactions"

**Chemical Stability:** The product is stable under normal conditions.

**Possibility of hazardous reactions:** acids Bases. Oxidizing agents.

**Conditions to avoid:** Unknown

**Incompatible Materials:** No dangerous reaction known under conditions of normal use.

**Hazardous Decomposition Products:** None with proper storage and handling.

## 11. Toxicological information

### 11.1 Information on likely routes of exposure

**Inhalation:** If handled correctly, not a relevant route of exposure. Information on effects are given below.

**Skin Contact:** Relevant route of exposure. Information on effects are given below.

**Eye contact:** Relevant route of exposure. Information on effects are given below.

**Ingestion:** If handled correctly, not a relevant route of exposure. Information on effects are given below.

### 11.2 Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

### 11.3 Information on toxicological effects

#### Acute toxicity

Oral Product: LD 50 (Rat): > 5.000 mg/kg

Dermal Product: LD 50 (Rabbit): > 5.000 mg/kg

Inhalation Product: no data available

**Repeated dose toxicity** Product: no data available

**Skin Corrosion/Irritation** Product: Not irritating



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<b>Serious Eye Damage/Eye Irritation</b>		Product: Not irritating Risk of serious damage to eyes.
<b>Respiratory or Skin Sensitization</b>		Product: No data available.
<b>Carcinogenicity</b>		Product: No data available.
<b>Germ Cell Mutagenicity</b>	In vitro	Product: No data available.
	In vivo	Product: No data available.
<b>Reproductive toxicity</b>		Product: No data available.
<b>Specific Target Organ Toxicity - Single Exposure</b>		Product: no data available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>		Product: no data available
<b>Aspiration Hazard</b>		Product: Not classified
<b>Other effects:</b>	Causes serious eye damage.	

## 12. Ecological information

### 12.1 Ecotoxicity

#### Acute hazards to the aquatic environment:

Fish	Product: No data available.
Aquatic Invertebrates	Product: EC 50 (Daphnia magna, 48 h): 40,61 mg/l

#### Chronic hazards to the aquatic environment:

Fish	Product: No data available.
Aquatic Invertebrates	Product: No data available.
Toxicity to Aquatic Plants	Product: No data available.

### 12.2 Persistence and Degradability

Biodegradation	Product: No data available.
BOD/COD Ratio	Product: No data available.



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### 12.3 Bioaccumulative potential

Bioconcentration Factor (BCF) Product: No data available.

Partition Coefficient n-octanol / water (log Kow) Product: Log Kow: not measured

### 12.4 Mobility in soil

No data available.

### 12.5 Other adverse effects

The product is classified as slightly hazardous to waters (according to the German Regulation on the Classification of Substances Hazardous to Waters (WwSV). Do not allow to enter soil, waterways or waste water canal.

## 13. Disposal considerations

**13.1 Disposal methods:** In accordance with local authority regulations, take to special waste incineration plant.

**13.2 Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

## 14. Transport information

### 14.1 International Regulations

**UN-RTDG:** Not regulated as a dangerous goods

**IATA-DGR:** Not regulated as a dangerous goods

**IMDG-Code:** Not regulated as a dangerous goods

### 14.2 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## 15. Regulatory information

### 15.1 International regulations

Montreal protocol

Stockholm convention

Rotterdam convention

Kyoto protocol

## 16. Additional information

### 16.1 Abbreviations:

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



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

**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.