

## SAFETY DATA SHEET (SDS)

Version: 1  
Date: 10.06.2019  
Revision: /  
Date of revision: /

## 1. PRODUCT AND COMPANY IDENTIFICATION

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<b>Product name:</b>	:	Helichrysum Essential Oil
<b>Botanical name:</b>	:	Helichrysum italicum
<b>INCI name:</b>	:	Helichrysum italicum Flower Oil
<b>CAS#:</b>	:	8023-95-8 / 90045-56-0
<b>Country of origin:</b>	:	Croatia
<b>EINECS#:</b>	:	289-918-2
<b>Product use:</b>	:	Domestic and Industrial
<b>Supplier:</b>	:	Moje Sunce d.o.o
<b>Address:</b>	:	Grahovo Gornje 15, Dubravice, Skradin 22222
<b>Telephone number:</b>	:	+385 91554 7396
<b>Safety data contact:</b>	:	snezana.nedic@gmail.com
<b>Emergency contact:</b>	:	<b>Institute for Medical Research and Occupational Health</b>  Poison control centre: available 24h Ksaverska cesta 2, 10000 Zagreb Phone: +385 1 2348 342

## 2. HAZARD IDENTIFICATION





### GHS Classification

**Flammable liquids - Category 3**

**Aspiration Toxicity - Category 1**

**Skin Sensitization - Category 1B**

**Hazardous to the aquatic environment - Chronic Category 1**

<b>GHS Label elements, including precautionary statements:</b>	    GHS02    GHS07    GHS08    GHS09
<b>Signal:</b>	Danger
<b>Hazard statement(s):</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long-lasting effects.
<b>Precautionary statement(s):</b>	P101: If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103: Read label before use. P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233: Keep container tightly closed. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling P270 Do not eat, drink or smoke when using this product. P272: Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment.

	<p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P331: Do NOT induce vomiting.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P391 Collect spillage.</p> <p>P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P302 + P352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337 + P313: If eye irritation persists: Get medical advice/attention.</p> <p>P371 + P380 + P375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.</p>
<b>Storage:</b>	<p>P403 + P235: Store in a well-ventilated place. Keep cool.</p> <p>P405: Store locked up.</p>
<b>Disposal:</b>	<p>P501: Dispose of contents/container in accordance with all local and national regulations</p>

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Molecular mass	Concentration
α-PINENE	7785-70-8	232-087-8	136.23	20-30 %
Neryl Acetate	<u>141-12-8</u>	<u>205-459-2</u>	196.29	5-10%

### 4. FIRST AID MEASURES

#### Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

#### Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

#### Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

#### Ingestion

Seek medical attention or contact local poison control center.

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

#### Unsuitable extinguishing media

Water spray, water jet.

#### Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

#### Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

#### Resulting gases

Carbon oxides.

## 6. ACCIDENTAL RELEASE MEASURES

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

Wear appropriate personal protective equipment. Send away to individuals who are not properly equipped. Evacuate personnel. Remove all sources of ignition. Avoid inhaling fumes.

### **Environmental precautions**

The product must not enter drains, surface water, groundwater and adjacent areas. Dilute with water to the product after collection.

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

Remove with inert absorbent material (ex.sand) for collected waste treated as hazardous waste. Contaminated material should be disposed of in accordance with the provisions described in section 13.

## 7. HANDLING AND STORAGE

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### **Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

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

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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**Exposure controls:** Wash hands with soap & water after handling.

**Eyes:** Use tightly sealed goggles.

**Skin:** If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

**Respiratory:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Ingestion;** Not for ingestion.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance** : Pale yellow to reddish yellow liquid.

**Odor** : Characteristic aromatic odor.

**Flash point** : 51 °C

**Relative density** : 0.880 to 0.899 @ 20 °C

**Solubility (ies)** : Soluble in alcohol and oils. Insoluble in water.

**Refractive index** : 1.475 to 1.485 @ 20°C

**Optical rotation** : -10.0° to +2.0 ° @ 20°C

## 10. STABILITY AND REACTIVITY

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### Reactivity

It present no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids. Alkali or oxidising agents.

### Chemical stability

The product is stable under normal conditions of use and storage.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

LD50 Oral rat > 5000 mg/kg

### Carcinogenicity

None of the components of this material are listed as a carcinogen.

### Chronic toxicity

May cause allergic reactions on skin.

### Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

**Skin contact**

Adverse skin effects should be prevented by normal care and personal hygiene.

**Eye contact**

Possible irritation should be prevented by wearing safety glasses.

**Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

**Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

**13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**14. TRANSPORT INFORMATION**

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**UN Number:** 1169

**UN proper shipping name:** Extracts, aromatic, liquid

**Transport hazard class:** 3

**Packing group:** III

**US DOT Shipping Description (Land):** 1169

**UN proper shipping name:** Extracts, aromatic, liquid

**Transport hazard class:** 3

**Packing group:** III

**IMO-IMDG Shipping Description (Sea):** 1169

**UN proper shipping name:** Extracts, aromatic, liquid

**Transport hazard class:** 3

**Packing group:** III

**IATA Shipping Description (Air):** 1169

**UN proper shipping name:** Extracts, aromatic, liquid

**Transport hazard class:** 3

**Packing group:** III

## 15. REGULATORY INFORMATION

### California Proposition 65

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list): MYRCENE.

**GHS Hazard Statements:** Please refer to section 2.

**GHS Precautionary Statements:** Please refer to section 2.

## 16. OTHER INFORMATION

### Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Moje sunce d.o.o. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Moje sunce d.o.o. , no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Moje sunce d.o.o. is limited to the value of the goods and does not include any consequential loss. Moje sunce d.o.o. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Moje sunce d.o.o. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction.