

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / COMPANY DATA**

<b>1.1.</b>	<b>Product identifier</b>	
	Substance name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>
	EC No:	289-918-2
	Synonyms:	Immortelle oil, Helichrysum Italicum essential oil
	Catalogue number:	
	REACH Registration No:	
	CAS No:	90045-56-0
	Index No:	
<b>1.2.</b>	<b>Relevant identified uses of the substance or mixture and uses advised against:</b>	
	Uses:	<i>In the cosmetic, perfume, pharmaceutical and food industries and for aromatherapy.</i>
	Uses advised against:	<i>No dana available</i>
	Reason why uses advised against:	<i>No data</i>
<b>1.3.</b>	<b>Information on the supplier who supplies the safety data sheet</b>	
	Supplier:	<b>Auro Oleum j.o.o.o.</b>
	Address:	<b>Meja gaj 207 b, 51226 Hreljin</b>
	Telephone number:	<b>+385992673169</b>
	Telefax:	-
	e-mail of competent person:	<b>auro.oleum@gmail.com</b>
	National contact:	-
<b>1.4.</b>	<b>Emergency telephone number</b>	
	National Protection and Rescue Directorate:	112
	Medical information:	+385012348342
	Other information:	<i>No dana available</i>


**SECTION 2. HAZARDS IDENTIFICATION**

<b>2.1.</b>	<b>Classification of the substance or mixture</b>	
<b>2.1.1.</b>	<b>Classification according to Regulation (EC) No 1907/2006 1272/2008 (CLP)</b>	
	Hazard class and category code:	Hazard statement*:
	<b>Flam. Liq. 3</b>	<b>H226</b>
	<b>Aspir. toks. 1</b>	<b>H304</b>
	<b>Skin Irrit. 2</b>	<b>H315</b>
	<b>Skin Sens. 1</b>	<b>H317</b>
	<b>Eye Irrit. 2</b>	<b>H319</b>
	<b>Aquatic Chronic 2</b>	<b>H411</b>

<b>2.1.2.</b>	<b>Additional information</b>	
	<i>No data</i>	

\* For full text of Hazard- and EU Hazard-statements: see SECTION 16

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>

2.2. Label elements	
Product identification:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>
Identification number:	
Authorization number:	
Hazard pictograms:	
Signal word:	<b>Danger</b>
Hazard statement:	<p><b>H226 Flammable liquid and vapor</b>  <b>H304 May be fatal if swallowed and enters respiratory system</b>  <b>H315 Irritating to skin</b>  <b>H317 May cause an allergic skin reaction</b>  <b>H319 Causes serious eye irritation.</b>  <b>H411 Toxic to aquatic life with long lasting effects</b></p>
Precautionary statement:	<p><b>P210 Keep away from heat / hot surfaces / sparks / open flames and other sources of ignition. No smoking.</b>  <b>P233 Keep container tightly closed.</b>  <b>P273 Avoid release to the environment.</b>  <b>P280 Wear protective gloves / protective clothing / eye protection / face protection</b></p>
Additional hazard information:	<b>No data</b>
Notification tags: treatment	<p><b>P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.</b>  <b>P302 + P352 IF ON SKIN: Wash with plenty of water.</b>  <b>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if worn and easily removed. Continue to rinse.</b></p>
Notification tags: storage	<b>P411 Store at a temperature not exceeding 25°C.</b>
Additional hazard information:	<b>Hazardous substances listed on the label: Limonen, linalol, alfa-pinen</b>
2.3. Other dangers	
<b>No data</b>	

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS number	EC / Index number	Name	% mass or range	Classification according to Regulation (EC) No. 1907/2006. 1272/2008 (CLP)
28976-68-3	-/-	Gama-kurkumen	10 - 25	-
141-12-8	205-459-2/-	Neril-acetat	10 - 20	Skin Irrit. 2, H315
80-56-8	201-291-9/-	Alfa-pinen	10 - 20	Flam. Liq. 3, H226 Acute Tox. 4, H302 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>

				Aquatic Acute 1, H400 Aquatic Chronic 1, H410
17066-67-0	-/-	Beta-selinen	8 - 9	-
87-44-5	201-746-1/-	Kariofilen	5 - 8	Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Chronic 4, H413
473-13-2	-/-	Alfa-selinen	3 - 8	-
97535-52-1	-/-	Italicen	3 - 6	-
458-37-7	207-280-5/-	Alfa-kurkumen	4 - 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 TCOJ 3, H335
-	483-76-1/-	Delta-kadinen	0,9 - 4	-
138-86-3	205-341-0/-	Limonen	2 - 5	Flam. Liq. 3, H226 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Irrit. 2, H315 Skin Sens. 1, H317
13474-59-4	603-860-0/-	Alfa-bergamoten	1 - 3	Asp. Tox. 1, H304
78-70-6	201-134-4/-	Linalol	0,5 - 2	Skin Irrit. 2, H315
7779-81-9	231-941-7/-	Izoamil angelat	0,1 - 0,6	-
-	-/-	Alfa-ilangen	0,4 - 0,9	-
3856-25-5	223-364-4/-	Alfa-kopaen	0,8 - 1,5	-
470-82-6	207-431-5/-	1,8 – Cineol	0,4 - 0,8	Flam. Liq. 3, H226
98-55-5	202-680-6/-	Alfa-terpineol	0,4 - 0,6	-
-	-/-	Viridiflorol	0 - 0,6	-
		Cimen	0,4 - 0,6	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304
127-91-3	204-872-5/-	Beta-pinen	0,4 - 0,6	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
99-85-4	202-794-6/-	Gama-terpinen	0,4 - 0,6	Flam. Liq. 3, H226 Asp. Tox. 1, H304
98-55-5	202-680-6/-	Alfa-terpinolen	0,4 - 0,6	-
562-74-3	209-235-5/-	4-Terpineol	0,2 - 0,4	-
8002-66-2	282-006-5/-	Heksil angelat	0,2 - 0,3	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2A, H319 Aquatic Chronic 2, H411

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>

99-86-5	202-795-1/-	Alfa-terpinen	0,1 - 0,3	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Irrit. 2A, H319
106-25-2	203-378-7/-	Nerol	0,1 - 3	Skin Irrit. 2, H315 Skin Sens. 1, H317 Ozlj.oka 1, H318
7779-81-9	231-941-7/-	Izobutil angelat	0,1 - 0,6	-

**SECTION 4. FIRST AID MEASURES**

**4.1. Description of first aid measures**

Signal word:	<i>If symptoms persist after first aid, seek medical attention. Do not give anything by mouth to an unconscious person.</i>
Hazard statement:	<i>Take the person out into the fresh air, keep them warm and calm. If unconscious, place him in a stable lateral position and seek medical help. In case of irregular breathing or respiratory arrest, give the injured person artificial respiration. Loosen tight clothing (collar, tie, belt). Seek medical attention if symptoms persist and persist.</i>
Precautionary statement:	<i>Rinse skin for 10 - 15 minutes with soap and running water. Take off contaminated clothing and shoes. Wash body parts immediately with plenty of water and soap! If symptoms persist and persist, seek medical attention.</i>
Additional hazard information:	<i>Keep your eyelids apart with clean fingers and rinse each eye alternately for 10-15 minutes with a gentle stream of water. If symptoms persist, immediately take the injured person to the hospital with constant eyewash.</i>
Signal word:	<i>Do not encourage vomiting. Rinse mouth thoroughly with water. Seek medical help immediately. Vomiting can lead to aspiration of the contents into the lungs and endemic development.</i>
Hazard statement:	<i>Working suit made of natural materials. PVC gloves. Show medical staff a sticker on this product or this STL</i>

**4.2. Most important symptoms and effects, acute and delayed**

Following inhalation:	<i>May cause cough, shortness of breath and / or suffocation, dizziness, drowsiness.</i>
Following skin contact:	<i>Sensitive skin may cause redness and itching. May cause an allergic reaction to the skin.</i>
Following eye contact:	<i>Redness, itchiness, burning, blurred view.</i>
Following ingestion:	<i>Nausea, vomiting, diarrhea. Ingestion of large quantities may result in vomiting with possible aspiration into the lungs.</i>

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

<i>Symptomatic treatment. Aspiration into the lungs may result from vomiting after ingestion of this product. Due to the risk of aspiration, causing vomiting and gastric lavage should be avoided. Subsequent control for pneumonia and pulmonary edema.</i>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**SECTION 5. FIRE FIGHTING MEASURES**

**5.1. Extinguishing media**

Suitable extinguishing media:	<i>Carbon dioxide, powder, alcohol resistant foam, water spray</i>
-------------------------------	--------------------------------------------------------------------

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>1</i>

	Unsuitable extinguishing media:	<i>Pressurized water jet</i>
<b>5.2.</b>	<b>Special hazards arising from the substance or mixture</b>	
	Hazardous Combustion Products:	<i>Carbon oxides</i>
<b>5.3.</b>	<b>Advice for firefighters</b>	
	<i>Firefighters must wear self-contained compressed air breathing apparatus (HRN EN 137) and fire-resistant protective clothing. Fill the containers affected by the fire with water mist (for cooling and settling the resulting gases). Sand dams, closing sewer openings, etc., prevent the ingress of fire extinguishing agents into the sewer and / or environment. If so, call 112 immediately.</i>	

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>6.1.</b>	<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>6.1.1.</b>	<b>For non-emergency personnel</b>	
	Protective equipment:	<i>Cited in subsection 8.2.2.</i>
	Accident prevention procedures:	<i>Avoid contact with eyes and skin. Provide good ventilation. Remove any source of inflammation. Wear protective equipment. Do not breathe vapor / spray.</i>
	Emergency procedures:	<i>Apply first aid measures (Subsection 4.1). Do not take any action in the event of personal risk or without appropriate training. Evacuate contaminated area. Prevent access to unprotected persons. Do not breathe vapor / mist. Avoid contact with eyes, skin and clothing. Remove all sources of possible sparks and inflammation. Warn all nearby and in the wind direction of the danger of fire and vapor inhalation.</i>
<b>6.1.2.</b>	<b>For emergency personnel:</b>	
	<i>Ensure good ventilation. Avoid contact with skin and eyes. Do not breathe fumes. Wear protective clothing and shoes, mask, goggles and gloves as described in section 8. Evacuate all unprotected persons.</i>	
<b>6.2.</b>	<b>Environmental precautions:</b>	
	<i>Do not allow product to reach sewage, surface and ground water and soil. In case of large spills, inform emergency service.</i>	
<b>6.3.</b>	<b>Methods and material for containment and cleaning up</b>	
6.3.1.	To enclose, cover and clog:	<i>Earth or sand dams.</i>
6.3.2.	Cleaning up:	<i>Spill the spilled product with adsorbent and inert material such as soil, sand, diatomaceous earth, collect and dispose of it in hazardous waste containers that can be tightly closed and hand over to authorized legal entities.</i>
6.3.3.	Other information:	<i>In case of environmental contact, inform emergency service.</i>
<b>6.4.</b>	<b>Directions to other sections</b>	
	<i>See Section 7 for safe handling information. See Section 8 for information on personal protection equipment. See Section 13 for waste disposal information.</i>	

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>1</i>

**SECTION 7. HANDLING AND STORAGE**

<b>7.1.</b>	<b>Precautions for safe handling</b>	
<b>7.1.1.</b>	<b>Protective measures</b>	
	Measures to prevent fire:	<i>Avoid all forms of heat and ignition. Take measures to prevent static electricity discharges. No smoking.</i>
	Measures to prevent aerosol and dust generation:	<i>Ventilate the workspace well. Do not leave containers open.</i>
	Measures to protect the environment:	<i>Do not empty into drains, surface or ground water or soil.</i>
	Other measures:	<i>No data</i>
<b>7.1.2.</b>	<b>Advice on general occupational hygiene</b>	
	<i>Do not eat, drink or smoke while working. Wash hands with plenty of water before resting and after work. Do not breathe vapors, aerosol and prevent contact with skin, eyes and clothing. Wear personal protective equipment (section 8). Take off contaminated clothing immediately.</i>	
<b>7.2.</b>	<b>Conditions for safe storage, including any incompatibilities</b>	
	Technical measures and storage conditions:	<i>Store only in original, tightly closed container, in a dry, cool and well-ventilated place at temperatures up to 25 oC. Protect from open flames, heat and direct sunlight. Keep away from sources of ignition - No smoking. Keep away from food, drink and animal feedingstuffs. Keep away from oxidizers, strong alkaline substances and acids.</i>
	Packaging materials:	<i>Original manufacturer packaging.</i>
	Requirements for storage rooms and vessels:	<i>Good storage area ventilation.</i>
	Advices for storage equipment:	<i>--</i>
	Other information on storage conditions:	<i>Do not store with food, animal feed and beverages.</i>
<b>7.3.</b>	<b>Specific end use or uses</b>	
	Recommendations:	<i>No data available</i>
	Specific solutions for industry:	<i>No data available</i>

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>8.1.</b>	<b>Control parameters</b>	
	No data	
<b>8.2.</b>	<b>Exposure control</b>	
<b>8.2.1.</b>	<b>Appropriate engineering controls</b>	
	Substance/mixture related measures to prevent exposure during identified uses:	<i>Avoid contact with eyes and skin. Do not breathe vapor. Use the specified protective equipment. Immediately remove contaminated clothing and shoes. Wash your hands before rest and at the end of work. Do not eat, drink or smoke when handling chemicals.</i>
	Structural measures to prevent exposure:	<i>No data</i>
	Organisational measures to prevent exposure:	<i>Immediately remove contaminated clothing and clean it before reuse.</i>



Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>		
Product code:	<i>AO-I</i>	Issue date:	06.09.2019
		Issue number:	<i>1</i>

	Technical measures to prevent exposure:	<i>Provide good ventilation and local ventilation in areas of increased concentration. Keep away from food, drink and animal feedingstuffs. Free and quick access to fresh running water for decontamination.</i>
<b>8.2.2.</b>	<b>Personal protection measures, eg personal protective equipment</b>	
8.2.2.1.	Eye / face protection:	<i>Wear safety goggles or an eye / face shield if used in use. (HRN EN 166).</i>
8.2.2.2.	Skin protection	
	Hand protection:	<i>Wear protective gloves made of nitrile or neoprene (HRN EN374) When gloves are first worn, replace them with new gloves immediately. Follow the manufacturer's instructions for the use, storage, maintenance and replacement of protective gloves. The penetration time is determined by the glove manufacturer and must be observed.</i>
	Protection of other parts of the body:	<i>Cotton protective clothing (HRN EN ISO 13688) and foot protection (HRN EN 13832).</i>
8.2.2.3.	Respiratory protection:	<i>If there is no adequate ventilation, use a half mask (HRN EN 140) with filter "A" (HRN EN 14387)</i>
8.2.2.4.	Thermal hazards:	<i>No</i>
<b>8.2.3.</b>	<b>Environmental exposure controls</b>	
	Substance/mixture related measures to prevent exposure:	<i>Do not discharge into the environment and dispose of chemical residues and packaging as hazardous waste in accordance with key figures.</i>
	Structural measures to prevent exposure:	<i>No data</i>
	Organisational measures to prevent exposure:	<i>No data</i>
	Technical measures to prevent exposure:	<i>Emissions from ventilation or work process equipment must comply with the law. Prevent discharge into surface water, soil or sewage system.</i>

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1.</b>	<b>Information on basic physical and chemical properties</b>		
		Value	Method
	Physical state:	<i>Liquid</i>	<i>No data</i>
	Color:	<i>Light yellow</i>	<i>No data</i>
	Smell:	<i>Characteristic odor for helichrysum, dry grass, hay</i>	<i>No data</i>
	Odor threshold:	<i>No data</i>	<i>No data</i>
	pH:	<i>No data</i>	<i>No data</i>
	Melting / Freezing Point:	<i>No data</i>	<i>No data</i>
	Boiling point and boiling range:	<i>No data</i>	<i>No data</i>
	Flash point:	<i>&gt;53°C</i>	<i>No data</i>
	Evaporation rate:	<i>No data</i>	<i>No data</i>
	Flammability (solid, gas):	<i>Not applicable</i>	<i>No data</i>
	Upper / lower flammability or explosive limits:	<i>Not applicable</i>	<i>No data</i>
	Vapor pressure:	<i>No data</i>	<i>No data</i>

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>1</i>

Vapor density:	<i>No data</i>	<i>No data</i>
Relative density:	<i>No data</i>	<i>No data</i>
Bulk density:	<i>Not applicable</i>	<i>No data</i>
The solubility of (i):	<i>Soluble in alcohol and oils. It is not water soluble.</i>	<i>No data</i>
Partition coefficient: n-octanol / water (log Kow):	<i>Not applicable</i>	<i>No data</i>
Auto-ignition temperature:	<i>It's not self-igniting</i>	<i>No data</i>
Decomposition temperature:	<i>No data</i>	<i>No data</i>
Viscosity:	<i>No data</i>	<i>No data</i>
Explosive properties:	<i>It's not explosive</i>	<i>No data</i>
Oxidizing properties:	<i>No data</i>	<i>No data</i>

<b>9.2. Additional information</b>
<i>No data</i>

**SECTION 10. STABILITY AND REACTIVITY**

<b>10.1. Reactivity:</b>	<i>No dangerous reactions if used and stored as directed.</i>
<b>10.2. Chemical stability:</b>	<i>The product is stable if used and stored normally.</i>
<b>10.3. Possibility of hazardous reactions:</b>	<i>Strong exothermic reactions with acids are possible. It has a beneficial effect on metals.</i>
<b>10.4. Conditions to avoid:</b>	<i>Avoid contact with incompatible materials, heat, flame, light, oxygen.</i>
<b>10.5. Incompatible materials:</b>	<i>Strong oxidizers, acids and alkalis.</i>
<b>10.6. Hazardous decomposition products:</b>	<i>No hazardous decomposition products known under normal use. Combustion produces health hazardous gases - carbon oxides - COx</i>

**SECTION 11. TOXICOLOGICAL INFORMATION**

<b>11.1. Information on toxicological effects</b>	
Oral:	<i>No data</i>
Skin contact:	<i>No data</i>
Inhalation:	<i>No data</i>
<b>Hypersensitivity</b>	
Skin contact:	<i>May cause an allergic skin reaction</i>
<b>Inhalation:</b>	<i>Not sensitizing</i>
<b>Symptoms related to physical, chemical and toxicological characteristics</b>	
Ingestion:	<i>No</i>
Skin contact:	<i>No</i>
Inhalation:	<i>No</i>
Eye contact:	<i>No</i>
Overall evaluation of CMR properties:	<i>The product is not classified as carcinogenic, mutagenic or reproductively toxic.</i>



Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>

<b>11.2. Practical experiences:</b>		
Relevant observations for the classification:	<i>No data available</i>	
Other observations:	<i>No data available</i>	
<b>11.3. General notes:</b>		
-		

**SECTION 12. ECOLOGICAL INFORMATION**

<b>12.1. Toxicity</b>						
<b>Acute toxicity</b>	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	-	-	-	<i>No data</i>
Crabs	EC <sub>50</sub>	48 hours	-	-	-	<i>No data</i>
Algae / aquatic plants	IC <sub>50</sub>	72 hours	-	-	-	<i>No data</i>
Other organisms	-	-	-	-	-	<i>No data</i>
<b>Chronic toxicity</b>	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	-	-	-	<i>No data</i>
Crabs (Daphnia)	EC <sub>50</sub>	48 hours	-	-	-	<i>No data</i>
Algae / aquatic plants	IC <sub>50</sub>	72 hours	-	-	-	<i>No data</i>
Other organisms	-	-	-	-	-	<i>No data</i>
<b>12.2. Persistence and degradability</b>						
<b>Abiotic degradation</b>						
	Half-life	Method	Evaluation	Note		
Sea water	-	-	-	<i>No data</i>		
Sweet water	-	-	-	<i>No data</i>		
Air	-	-	-	<i>No data</i>		
Ground	-	-	-	<i>No data</i>		
<b>Biodegradation</b>						
% decomposition	Time (days)	Method	Evaluation	Note		
-	-	-	-	<i>No data</i>		
<b>12.3. Bioaccumulation potential</b>						
<b>Partition coefficient: octanol / water (log Pow)</b>						
Value	Concentration	pH	°C	Method	Evaluation	Note
-	-	-	-	-	-	<i>No data</i>
<b>Bioconcentration Factor (BCF)</b>						
Value	Organism	Method	Evaluation	Note		
-	-	-	-	<i>No data</i>		
<b>Chronic ecotoxicity</b>						
Value	Dose	Time	Organism	Method	Evaluation	Note

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>1</i>

Chronic toxicity to fish	LC <sub>50</sub>	-	-	-	-	<i>No data</i>
Chronic Crab Toxicity (Daphnia)	EC <sub>50</sub>	-	-	-	-	<i>No data</i>

**12.4. Mobility in soil**

<b>Known or assumed environmental distributions:</b>						
<i>The product is not water soluble.</i>						
No data						

**12.5. Results of PBT and vPvB properties evaluation**

<i>The product does not contain substances subject to PBT and vPvB assessment</i>						
-----------------------------------------------------------------------------------	--	--	--	--	--	--

**12.6. Other adverse effects**

<i>No data</i>						
----------------	--	--	--	--	--	--

**SECTION 13. DISPOSAL**

**13.1. Waste treatment methods:**

**13.1.1. Product / Packaging Disposal:**

<i>Dispose of the waste to a legal person authorized to collect hazardous waste.</i>						
<i>The product should not be disposed of with mixed municipal waste.</i>						
<i>The packaging must not be disposed of in mixed municipal waste but must be handed over to a legal person authorized to collect hazardous waste.</i>						

**13.1.2. Waste codes/waste designations according to law:**

<i>16 03 05 * (organic wastes containing dangerous substances)</i>						
<i>15 01 10 * (packaging containing residues of dangerous substances or contaminated with dangerous substances)</i>						

**13.1.3. Waste treatment methods:**

<i>Waste: chemical-physical or thermal treatment.</i>						
<i>Packaging: heat treatment or conditioning</i>						

**13.1.4. Possibility of spillage:**

<i>Product should not be spilled into drains.</i>						
---------------------------------------------------	--	--	--	--	--	--



**13.1.5. Other disposal recommendations:**

<i>No</i>						
-----------	--	--	--	--	--	--

**13.1.6. Relevant regulations:**

<i>Law on Sustainable Waste Management</i>						
<i>Waste Catalog Regulations</i>						
<i>Rulebook on packaging and packaging waste.</i>						

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>		
Product code:	<i>AO-I</i>	Issue date:	06.09.2019
		Issue number:	<i>I</i>

<b>SECTION 14. TRANSPORT INFORMATION</b>	
<b>14.1. Land transport (ADR/RID)</b>	
UN number	<i>UN 1169</i>
Danger class	<i>3</i>
Packing group	<i>III</i>
Proper shipping name	<i>EXTRACTS, AROMATIC, LIQUID</i>
Classification code	<i>3Y</i>
Danger label	<i>3, Fish &amp; Tree</i>
Environmental hazards:	<i>DANGEROUS TO THE ENVIRONMENT</i>
Special precautions for user:	<i>Flammable liquid</i>
	
<b>14.2. Sea Transport (IMDG)</b>	
UN number	<i>UN 1169</i>
Danger class	<i>3</i>
Packing group	<i>III</i>
Proper shipping name	<i>EXTRACTS, AROMATIC, LIQUID</i>
Marine Pollutant	Yes
Danger label	<i>3, Fish &amp; Tree</i>
Environmental hazards:	<i>DANGEROUS TO THE ENVIRONMENT</i>
Special precautions for user:	<i>Flammable liquid</i>
	
<b>14.3. Air Transport (ICAO-TI/IATA-DGR)</b>	
UN number	<i>UN 1169</i>
Danger class	<i>3</i>
Packing group	<i>III</i>
Proper shipping name	<i>EXTRACTS, AROMATIC, LIQUID</i>
Classification code	<i>3Y</i>
Danger label	<i>3</i>
Environmental hazards:	<i>DANGEROUS TO THE ENVIRONMENT</i>
Special precautions for user:	<i>Flammable liquid</i>

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>



14.4. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

N/A

14.5. **Special precautions for users:**

*Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse. Prevent entry into drains, ground/surface water or sewerage system.*

14.6. **Other Information**

*Custom Tariff Code 3301.29.4100*  
*EmS Code –*

**SECTION 15. REGULATORY INFORMATION**

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

EU regulations

Authorization and / or restrictions in use

Authorizations: *No data*

Restrictions: *No data*

Other EU regulations:

- *Regulation (EC) No 1782/2003. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) establishing a European Chemicals Agency, amending Directive 1999/45 / EEC. And Commission Regulation (EC) No 793/93 1488/94, as well as Council Directive 76/769 / EEC and Commission Directive 91/155 / EEC, 93/67 / EEC, 93/105/2000/21 / EC.*
- *Regulation (EC) No 1782/2003. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, repealing Directives 67/548 / EEC and 1999/45 / (EC) and amending Regulation (EC) No 1272/2008 1907/2006.*
- *Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1782/2003 Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).*
- *Regulation (EC) No 1782/2003 is amended as follows: 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents*

Data (Directive 1999/13 / EC) on VOC limits: **No data available**

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>1</i>

National regulations:	<p><i>Chemicals Act (OG 18/2013)</i>  <i>Regulation (EC) No 1782/2003 is amended as follows: 1907/2006 (REACH)</i>  <i>Regulation (EU) 2015/830</i>  <i>Regulation (EC) No 1782/2003 is amended as follows: 1272/2008 (CLP)</i>  <i>Regulation (EU) No 1095/2010 528/2012</i>  <i>Regulation (EC) No 1782/2003 is amended as follows: 648/2004</i>  <i>Law on Sustainable Waste Management</i>  <i>Waste Catalog Regulations</i>  <i>Rulebook on packaging and packaging waste.</i>  <i>Ordinance on the protection of workers from exposure to hazardous chemicals at work, exposure limit values and biological limit values</i>  <i>Law on the Transport of Dangerous Goods</i>  <i>Law on Safety at Work</i></p>
-----------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**15.2. Chemical safety assessment**

*Helichrysum italicum essential oil is a raw material for the production of cosmetic products that come into direct contact with the skin or mucous membranes. The product must be used under the controlled conditions prescribed by the Chemicals Act and related ordinances.*

**SECTION 16. OTHER INFORMATION**

**16.1.** Indication of changes: -

**16.2.** Abbreviations and acronyms:

*ADN = European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterway*  
*ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road*  
*ATE = Estimated value of acute toxicity*  
*BCF = Bioconcentration factor*  
*CAS = Chemical Abstracts Service Number*  
*CLP = Regulation on Classification, Labeling and Packaging; Regulation (EC) No.1272 / 2008*  
*DMEL = Derived minimum performance level*  
*DNEL = Derived no-effect level*  
*EC number = EINECS and ELINCS number*  
*EINECS = European Register of Existing Commercial Substances*  
*ELINCS = European List of Reported Chemical Substances*  
*GHS = Global Harmonized System*  
*GVI = Exposure limit values*  
*VOC = volatile organic compounds*  
*IATA = International Air Transport Association*  
*ICAO-TI = Technical instructions for the safe transport of dangerous goods by air*  
*IMDG = International Carriage of Dangerous Goods by Sea*  
*KGVI = Short-term exposure limit value*  
*LC50 = Lethal concentration, 50%*  
*LD50 = Lethal dose, 50%*  
*LogPow = logarithm of the octanol-water partition coefficient*  
*np = No data available.*  
*PBT = Persistent, bioaccumulative, toxic*

Trade name:	<i>Helichrysum Italicum essential oil, Immortelle oil</i>				
Product code:	<i>AO-I</i>	Issue date:	06.09.2019	Issue number:	<i>I</i>

		<p><i>PNEC = Predicted No Effect Concentrations</i></p> <p><i>RID = Regulations concerning the international carriage of dangerous goods by rail</i></p> <p><i>REACH = Registration, evaluation, authorization and restriction of chemicals</i></p> <p><i>STL = Safety Data Sheet</i></p> <p><i>TCOP = Target Organ Toxicity - Repeated Exposure</i></p> <p><i>TCOJ = Target organ toxicity - single exposure</i></p> <p><i>UN = United Nations</i></p> <p><i>vPvB = Very persistent and very biocumulative</i></p>
16.3.	Key literature references and source of data:	<i>The safety data sheet has been prepared according to the analytical report of the physicochemical properties for the samples No: 546/2019 dated 29.01.2019. and 14607/2019 dated 2 September 2019. g., made by SAMPLE CONTROL d.o.o., Puskariceva Street 18, 10250 Lučko, Croatia, for essential oil and according to ECHA - European Chemicals Agency, CLP, CL Inventory.</i>
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)	
	<p>Flam. Liq. 3 H226</p> <p>Asp. Tox. 1 H304:</p> <p>Skin Irrit. 2 H315</p> <p>Skin Sens. 1 H317</p> <p>Eye Irrit. 2A H319</p> <p>Aquatic Chronic 2, H411</p>	<i>The product is classified according to the information given under item 16.3 of this STL.</i>
16.5	<b>Relevant H statements (number and full text)</b>	
	<b>H:</b>	<p><i>H226 Flammable liquid and vapor.</i></p> <p><i>H302 Harmful if swallowed.</i></p> <p><i>H304 May be fatal if swallowed and enters respiratory system.</i></p> <p><i>H315 Irritating to skin.</i></p> <p><i>H317 May cause an allergic skin reaction.</i></p> <p><i>H318 Causes serious eye damage.</i></p> <p><i>H319 Causes serious eye irritation.</i></p> <p><i>H335 May cause respiratory irritation.</i></p> <p><i>H400 Very toxic to aquatic life.</i></p> <p><i>H410 Very toxic to aquatic life with long lasting effects.</i></p> <p><i>H411 Toxic to aquatic life with long lasting effects.</i></p> <p><i>H413 May cause long-term adverse effects in the aquatic environment.</i></p>
16.6.	<b>Training advice:</b>	<i>No data available</i>
16.7.	<b>Further information:</b>	<i>This document has been compiled based on our current knowledge and our intent is to describe the product only with respect to health, safety and the environment. The information given is for the product only and is not valid unless the chemical is used as described in the instructions for use. The information provided in the STL is not a proof of quality but merely a guide for safe operation of the product. Failure to comply with the instructions for handling, transport and storage in accordance with the above shall not be liable for any consequences that may result.</i>

**QUALITY DECLARATION**  
THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARDS TO THE APPROPRIATE SAFETY PRECAUTION.

*This document is in accordance with the approval of the Croatian Institute of Toxicology, class no. 351-01/19-10/1, ed. No. 381-10-101-19-3189*