1. Identification of the substance/preparation and the company

Trade name: Everlasting essential oil, 100% pure and natural
Product obtained by steam distillation of the flowering tops of Everlasting, Helichrysum italicum spp. italicum

Utilisation: Aromatic raw material for perfume, aromatherapy, cosmetics

Supplier company: Elemental SRL, Piata Cazarmii no.15, 410188-Oradea, jud.Bihar, Romania
Tel/Fax: +40259-436.755, www.elemental.eu


2. Hazards Identification

Classification according to Regulation (EC) No 1272/2008
FL 3, SS 1, SCI 2, AH 1, EH C2

Signal word: Danger
Hazard statements: H317(May cause an allergic skin reaction), H304(May be fatal if swallowed and enters airways), H315(Causes skin irritation), H411(Toxic to aquatic life with long lasting effects), H226(Flammable liquid and vapour)

Precautionary statements: P210(Keep away from heat/sparks/open flames/hot surfaces – No smoking), P261(Avoid breathing dust/fume/gas/mist/vapours/spray), P280(Wear protective gloves/protective clothing/eye protection/face protection), P301/310(IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician), P273(Avoid release to the environment)

3. Composition / Information on ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>EC No</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limonene</td>
<td>N°CAS : 138-86-3</td>
<td>N°CE : 205-341-0</td>
<td>&lt; 8.5%</td>
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<tr>
<td>XlN, SGH07, SGH08, SGH09, SGH02</td>
<td>R10-38-43-50/53</td>
<td>H304, 315, 317, 410, 226</td>
<td>AH 1, SCI 2, SS 1B, EH A1,C1, FL 3</td>
</tr>
<tr>
<td>Linolalol</td>
<td>N°CAS : 78-70-8</td>
<td>N°CE : 201-134-4</td>
<td>&lt; 3.0%</td>
</tr>
<tr>
<td>Xi, SGH07</td>
<td>R38</td>
<td>H227-303-315-319-402</td>
<td>ATO 5 (2790), SCI 2, EH A3, EDI 2A, FL 4</td>
</tr>
<tr>
<td>alpha-Pinene</td>
<td>N°CAS : 80-56-8</td>
<td>N°CE : 201-291-9</td>
<td>&lt; 3.8%</td>
</tr>
<tr>
<td>Xn, SGH02, SGH07, SGH06</td>
<td>R(10)-38-43-65</td>
<td>H229-303-304-315-317</td>
<td>FL 3, ATO 5(3700), SCI 2, SS 1B, AH 1</td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>N°CAS : 127-91-3</td>
<td>N°CE : 204-872-5</td>
<td>&lt; 1.0%</td>
</tr>
<tr>
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<td>R(10)-38-43-65</td>
<td>H229-304-315-317</td>
<td>FL 3, SCI 2, SS 1B, AH 1</td>
</tr>
<tr>
<td>Nerol</td>
<td>N°CAS : 106-25-2</td>
<td>N°CE : 203-378-7</td>
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<td>Xi, GH007</td>
<td>R38</td>
<td>H303-319-315-317-402</td>
<td>ATO 5(4500); EDI 2A; EH A3; SCI 2; SS 1B</td>
</tr>
<tr>
<td>Cineol 1.8 (Eucalyptol)</td>
<td>N°CAS : 470-82-6</td>
<td>N°CE : 207-431-5</td>
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<tr>
<td>SGH02, SGH07</td>
<td>R10-43</td>
<td>H226-303-316-317</td>
<td>FL 3, ATO 5(2480), SCI 3, SS 1B</td>
</tr>
</tbody>
</table>

4. First Aid
EVERLASTING (IMMORTELLE) ESSENTIAL OIL

In the event of skin contact: Take off contaminated clothing. Wash immediately with soap and plenty of water. If irritation, get medical advice.
In the event of eye contact: Flush immediately with plenty of flowing water for at least 10 minutes, holding eyelids apart. Consult an ophthalmologist.
In the event of ingestion: If swallowed, rinse mouth with water. DO NOT induce vomiting. Get medical advice, showing label information.
In the event of excessive inhalation: Move the victim to fresh air. In case of breathing difficulty, seek medical advice.

5. Fire-fighting Measures

5.1 Extinguishing media
Recommended: foam, dry powder, carbon dioxide (CO₂). Inadvisable: avoid full water jet.

5.2 Special hazards
In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke, do not inhale fumes.

5.3 Particular protective measures
Particular protective measures when fire-fighting: The pressure in the closed containers may increase with high temperature. Cool the endangered drums by water spraying or by an appropriate produce if water is not authorized.

5.4 Advice for firefighters
Move undamaged containers from immediate hazard area if it can be done safely. Use suitable breathing apparatus. Regard to self protection.

6. Accidental release measures:

6.1 Individual precautions
Remove all sources of ignition (Avoid all flammable sources. Do not smoke.) Provide adequate ventilation. Give a warning to people in the hazardous area. Wear personal protection equipment. Avoid contact with skin, eyes, and clothing.

6.2 Precautions for environmental conservation
Stop the substance to enter into drains and groundwater. Prevent spreading over a wide area.

6.3 Cleaning methods
Limit the dispersion of the product. Absorb the liquid with an inert absorbent, such as oil or sand. Wash with a grease extractor. Get rid of the duster and sponges used, according to local regulations.

7. Handling and Storage

7.1 Handling
Handle with care. Keep the product away from heat and light. Remove all sources of ignition. Do not eat, drink, or smoke when handling the product. Do not ingest the product. Wear personal protective clothing. Use only in well-ventilated areas.

7.2 Storage
Fit quantities according to container volume, avoid too important empty spaces. It is recommended to stock the product in its original packaging, tightly closed, sheltered from heat sources, air and light. Avoid important temperature variation. Keep in temperate and well-ventilated area. Respect the usual hygiene rules. Packaging materials to be avoid: iron containers

7.3 Specific end use(s): No data available (confer to above recommendations)

8. Exposure Controls and Personal Protection

8.1 Control parameters
EVERLASTING (IMMORTELLE) ESSENTIAL OIL

9. Physical and Chemical Properties

9.1 General information
Quality: Conventional essential oil, 100% pure and natural
Appearance: liquid
Colour: colourless to pale yellow
Odour: characteristic, fruit note, syrupy, hay

9.2 Health, security and environmental information
Flash point (closed cup): +53°C
Specific gravity at 20°C: 0.888 to 0.910
Solubility in water: Insoluble
Solubility in ethanol: Soluble

9.3 Others
Refractive index at 20°C: 1.460 to 1.480
Optical rotation at 20°C: -5° to +2°
Conservation: Keep in tightly closed container in a cool and dry place, protected from light.
Stable at usual storage and use conditions.
Lifetime: When stored for more than 12 months, quality should be checked before use.
Main constituents: neryl acetate, diketone, gamma-curcumene, nerol

10. Stability and Reactivity

10.1 Condition to avoid
Excessive heat, open flames or other sources of ignition. This product is stable at room temperature. Temperatures above room temperature will allow the transfer from liquid to vapour phase and the formation of explosive atmosphere.

10.2 Material to avoid or incompatible: strong acids, alkali or oxidizing agents

10.3 Dangerous decomposition products
No dangerous decomposition product known, if used according to specifications.

11. Toxicological Information

Effect by ingestion: LD50 for the rat > 5000 mg/kg (source RIFM)
Effect by skin contact: LD50 for the rabbit > 5000 mg/Kg (source RIFM)
Residual solvent(s) : not applicable
Cosmetics Allergens (1223/2009/EEC) : see section 16
IFRA restrictions : Not explicitly regulated by IFRA.
12. Ecological Information

Avoid any pollution of soil, ground and surface waters. Biodegradability not determined.
12.1 Toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
12.2 Mobility: No data available.
12.3 Persistence et degradability: No data available.
12.4 Bio-accumulative potential: No data available.
12.5 PBT evaluation results: No data available.
12.6 Other adverse effects: No data available.

13. Disposal Considerations

Dispose of or recycle waste material in accordance with local and EC environmental regulations.
Air emission: avoid. Wastewater disposal: avoid. Release into natural environment: avoid
Waste destruction: Appropriate incineration station. Do not use the empty containers.

14. Transport Information

Customs code: 33012941
Transport: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (limonene), 9, III

15. Additional Regulatory Information

Regulations specific for the substance or mixture: not available data
Chemical safety assessment: not available data

16. Other Information

Abreviations:
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
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).
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.
Material Safety Data Sheet
According to EU Regulation 1907/2006 in the current version

EVERLASTING (IMMORTELLE) ESSENTIAL OIL

DECLARATION OF ALLERGENS
7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

<table>
<thead>
<tr>
<th>INCI Name</th>
<th>CAS No</th>
<th>Typical Contents in %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(TERT-BUTYL PROPIONALDE) (Lilial)</td>
<td>80-54-6</td>
<td>0</td>
</tr>
<tr>
<td>3-METHYL-4-(2,6,6 TRIMETHYL-2-CYCLOHEXENE-1-YL)-3-BUTEN-2-ONE</td>
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<tr>
<td>AMYL CINNAMAL</td>
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<tr>
<td>AMYL CINNAMYL ALCOHOL</td>
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<td>0</td>
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<tr>
<td>ANISYL ALCOHOL (Anise alcohol)</td>
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<tr>
<td>BENZYL ALCOHOL</td>
<td>100-51-6</td>
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<tr>
<td>BENZYL BENZOATE</td>
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<td>BENZYL CINNAMATE</td>
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<tr>
<td>BENZYL SALICYLATE</td>
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<td>GERANIOL</td>
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<td>HYDROXYMETHYL PENTYL CYCLOHEXENE CARBOXALDEHYDE (Lyral)</td>
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<td>LINALOOL</td>
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<td>METHYL HEPTINE CARBONATE</td>
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<td>OAK MOSS EXTRACT (Evernia Prunastri)</td>
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<tr>
<td>TREE MOSS EXTRACT (Evernia Furfuracea)</td>
<td>90028-67-4</td>
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</tbody>
</table>

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.