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

1.1 Product identifier

**Trade Name:** Aromatherapy Mood Enhance Fragrance Oil

1.2 Relevant identified product use

**Intended use:** Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

**Supplier:** Natures Garden Fragrances
42109 State Route 18
Wellington, OH 44090
PHONE: 440-647-0100 FAX: 440-647-0220
http://www.naturesgardencandles.com
Department E-mail address: info@naturesgardencandles.com

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

**Classification according to GHS Regulation (EC) No 1272/2008**

- Flammable Liquids, Category 4: H227: Combustible liquid
- Aspiration Hazard, Category 1: H304: May be fatal if swallowed and enters airways
- Acute Toxicity Dermal, Category 5: H313: May be harmful in contact with skin
- Skin Corrosion/Irritation, Category 2: H315: Causes skin irritation
- Sensitization, Skin, Category 1B: H317: May cause an allergic skin reaction
- Eye Damage/Eye Irritation, Category 2A: H319: Causes serious eye irritation
- Acute Toxicity Inhalation, Category 5: H333: May be harmful if inhaled
- Aquatic Chronic Toxicity, Category 1: H410: Very toxic to aquatic life with long lasting effects

**Classification EU (67/548/EEC, 199/45/EC)**

- N Dangerous for the Environment
  - R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- Xi Irritant
  - R38: Irritating to skin
  - R43: May cause sensitization by skin contact
- Xn Harmful
  - R65: Harmful: may cause lung damage if swallowed

2.2 Label elements

**Labeling (REGULATION (EC) No 1272/2008)**

**Hazard pictograms**
Safety Data Sheet
Product: Aromatherapy Mood Enhance Fragrance Oil

Signal Word: Danger

Hazard statements
- H227 Combustible liquid
- H304 May be fatal if swallowed and enters airways
- H313 May be harmful in contact with skin
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H333 May be harmful if inhaled
- H410 Very toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:
- P235 Keep cool
- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment

Response:
- P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
- P302 + P352 IF ON SKIN: Wash with soap and water
- P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. Continue rinsing
- P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
- P337 + P313 If eye irritation persists: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse
- P363 Wash contaminated clothing before reuse
- P370 + P378 In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
- P391 Collect Spillage

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Classification</th>
<th>EU Classification</th>
</tr>
</thead>
</table>

- SDS Type: GHS / EU
4. First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no data available

Risks: Refer to Section 2.2 “Hazard Statements”

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Refer to Section 2.2 “Response”

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO2), Dry chemical, Foam

Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture
5.3 Advice for firefighters

Further information:

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Exposure Limits:</th>
<th>Contains no substances with occupational exposure limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Controls:</td>
<td>Use local exhaust as needed.</td>
</tr>
</tbody>
</table>

8.2 Exposure controls - Personal protective equipment

<table>
<thead>
<tr>
<th>Eye protection:</th>
<th>Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory protection:</td>
<td>Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.</td>
</tr>
<tr>
<td>Skin protection:</td>
<td>Avoid Skin contact. Use chemically resistant gloves as needed.</td>
</tr>
</tbody>
</table>

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Conforms to Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Conforms to Standard</td>
</tr>
</tbody>
</table>
Safety Data Sheet

Product: Aromatherapy Mood Enhance Fragrance Oil

10. Stability and Reactivity

10.1 Reactivity
None

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
None known

10.4 Conditions to avoid
None known

10.5 Incompatible materials
Strong oxidizing agents, strong acids, and alkalis

10.6 Hazardous decomposition products
None known

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - mg/kg (LD50: 5,138.64) Not classified - the classification criteria are not met

Acute toxicity - Dermal - mg/kg (LD50: 4,289.29) May be harmful in contact with skin

Acute toxicity - Inhalation - mg/L/4hr (LC50: 21.18) May be harmful if inhaled

Skin corrosion / irritation
Causes skin irritation

Serious eye damage / irritation
Causes serious eye irritation

Respiratory sensitization
Not classified - the classification criteria are not met

Skin sensitization
May cause an allergic skin reaction

Germ cell mutagenicity
Not classified - the classification criteria are not met

Carcinogenicity
Not classified - the classification criteria are not met

Reproductive toxicity
Not classified - the classification criteria are not met

Color: Yellow
Viscosity: Liquid
Freezing Point: Not determined
Boiling Point: Not determined
Melting Point: Not determined
Flashpoint: 150 F (65.56 C)
Auto flammability: Not determined
Explosive Properties: None Expected
Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.3444
%VOC: 38.4641
Specific Gravity @ 25 C: 0.8675
Density @ 25 C: 0.8645
Refractive Index @ 20 C: 1.4520
Soluble in: Oil
Specific target organ toxicity - single exposure: Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure: Not classified - the classification criteria are not met
Aspiration hazard: May be fatal if swallowed and enters airways

12. Ecological Information
12.1 Toxicity
Acute aquatic toxicity: Not classified - the classification criteria are not met
Chronic aquatic toxicity: Very toxic to aquatic life with long lasting effects
Toxicity Data on soil: no data available
Toxicity on other organisms: no data available

12.2 Persistence and degradability: no data available
12.3 Bioaccumulative potential: no data available
12.4 Mobility in soil: no data available
12.5 Other adverse effects: no data available

13. Disposal Conditions
13.1 Waste treatment methods:
Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

<table>
<thead>
<tr>
<th>Regulator</th>
<th>Class</th>
<th>Pack Group</th>
<th>Sub Risk</th>
<th>UN-nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. DOT (Non-Bulk)</td>
<td>Not Regulated - Not Dangerous Goods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADR/RID (International Road/Rail)</td>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td>9</td>
<td>III</td>
<td>UN3082</td>
</tr>
<tr>
<td>IATA (Air Cargo)</td>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td>9</td>
<td>III</td>
<td>UN3082</td>
</tr>
<tr>
<td>IMDG (Sea)</td>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td>9</td>
<td>III</td>
<td>UN3082</td>
</tr>
</tbody>
</table>

15. Regulatory Information
Additional European Regulations:

European Union (EINECS, ELINCS or NLP): 100.12% (by Wt) of the components are listed or exempt.
**Safety Data Sheet**

**Product:** Aromatherapy Mood Enhance Fragrance Oil

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**Additional Asian Regulations:**

- **Australian AICS:** 100.00% (by Wt) of the ingredients on AICS or notified.
- **Chinese IECS:** 99.89% (by Wt) of the ingredients on IECS.
- **Japan ENCS:** 95.86% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.
- **Korea KECL:** 99.77% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.
- **New Zealand NZIoC:** 97.39% (by Wt) of the ingredients on NZIoC.
- **Philippines PICCS:** 99.99% (by Wt) of the ingredients on PICCS.

The Status of the following ingredient(s) is NOT known for the registration lists noted:

<table>
<thead>
<tr>
<th>Lists noted within &lt;&gt; brackets after name</th>
<th>Additional Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>7212-44-4 230-597-5 &lt;= 72 ppm</td>
<td>1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl- : &lt; KECL&gt;</td>
</tr>
<tr>
<td>33407-62-4 245-890-3 &lt;= 75 ppm</td>
<td>Isolongifolene ketone : &lt; IECS, NZIoC&gt;</td>
</tr>
<tr>
<td>8007-35-0 232-357-5 0.1 - 1.0 %</td>
<td>Terpineol acetate : &lt; NZIoC&gt;</td>
</tr>
<tr>
<td>73018-51-6 277-225-8 0.01 - 0.1%</td>
<td>1,6-Octadien-3-ol, 7-dimethyl-.,acid-isomerized : &lt; ENCS&gt;</td>
</tr>
<tr>
<td>29461-13-0 249-648-8 0.1 - 1.0 %</td>
<td>2.a.,4a.a.,8.B.)-Hexahydro-1,1,5,5-tetramethyl-2H-2,4a-methanonaphthale ne-8(5H)-one : &lt; IECS, KECL, NZIoC&gt;</td>
</tr>
<tr>
<td>68917-32-8 289-904-6 2 - 5%</td>
<td>Grapefruit oil terpenes : &lt; NZIoC&gt;</td>
</tr>
<tr>
<td>Crystal-Solids 0.1 - 1.0 %</td>
<td>Total Crystal Count : &lt; KECL&gt;</td>
</tr>
</tbody>
</table>

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**16. Other Information**

**GHS H-Statements referred to under section 3**

**Total Fractional Values**

<table>
<thead>
<tr>
<th>(TFV) Risk (TFV) Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3.88) Aspiration Hazard, Category 1 (5.22) Skin Corrosion/Irritation, Category 2</td>
</tr>
<tr>
<td>(2.25) Sensitization, Skin, Category 1B (1.61) Eye Damage/Eye Irritation, Category 2A</td>
</tr>
<tr>
<td>(1.16) Aquatic Chronic Toxicity, Category 1</td>
</tr>
</tbody>
</table>

**Department E-mail address:** info@naturesgardencandles.com

**Remarks**

This safety data sheet is based on the properties of the material known to Natures Garden Fragrances™ at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Natures Garden Fragrances™ holds no responsibility. This document is not intended for quality assurance purposes.