01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Rosewood Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Definition</td>
<td>The volatile oil obtained by the steam distillation chipped wood of <em>Dalbergia Sissoo</em></td>
</tr>
<tr>
<td>INCI Name</td>
<td>Dalbergia Sissoo Wood Oil (Not an official INCI name)</td>
</tr>
<tr>
<td>Synonyms &amp; Trade Names</td>
<td></td>
</tr>
<tr>
<td>CAS-No</td>
<td>-</td>
</tr>
<tr>
<td>EC No.</td>
<td>-</td>
</tr>
<tr>
<td>EINECS No.</td>
<td>-</td>
</tr>
</tbody>
</table>

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available.

1.3 Details of the supplier of the safety data sheet

Oils4life Limited, 26 Blake Drive, Bradwell, Great Yarmouth, Norfolk, NR31 9GW.

1.4 Emergency Tel. No.

01493 600045

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

UN-GHS: FL4, ATO5 (3200), SCI 2, SS 1, EDI 2A, EH A3,C3
EU-CLP: SCI 2, SS 1, EDI 2.
[The Full Text for all Hazard Statements is Displayed in Section 16].

Human health
May be fatal if swallowed and enters airways.
Environment
The product contains a substance which may cause long term adverse effects in the aquatic environment.

Hydrocarbon Content: <10%.

Classification (EC 1272/2008)
Physical and Chemical Hazards : See above
Human health: Skin corrosion/irritation Hazard Category 2 – H315
Skin sensitiser Hazard Category 1 - H317
Eye damage/irritation Category 2A – H319
Environment : Aquatic Chronic 3 – H412

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS07

Signal Word Warning
Contains Linalool, alpha-terpineol, limonene, pinenes, geraniol, 1,8-cineole,
### Hazard Statements

- **H315** Causes skin irritation
- **H317** May cause an allergic skin reaction
- **H319** Can cause serious eye irritation
- **H412** Harmful to aquatic life with long-lasting effects.

### Precautionary Statements

- **P262** Do not get in eyes, on skin or on clothing
- **P280** Wear protective gloves/protective clothing/eye protection/face protection.
- **P305/351/338** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

### Supplementary Precautionary Statements

None

### 2.3 Other Hazards

- **PBT or vPvB according to Annex XIII**: No
- **Adverse physio-chemical properties**: Combustible but will not self-ignite
- **Adverse effects on human health**: Frequent skin contact may lead to irritation or sensitisation

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

- **90% Linalool** CAS No: 78-70-6 EC No: 201-134-4
  
  Classification (EC 1272/2008): ATO 5(3000), EDI 2A, EH A3, SCI 2

- **4% alpha-Terpineol** CAS No: 98-55-5 EC No: 202-680-6
  
  Classification (EC 1272/2008): ATO 5(4300); SCI 2; EDI 2A

- **1% Limonene** CAS No: 5989-27-5 EC No: 227-813-5
  
  Classification (EC 1272/2008): SCI 2; SS 1; EH A1,C1

- **1% Pinenes** CAS No (alpha-Pinene): 80-56-8 EC No: 201-291-9
  
  Classification (EC 1272/2008): ATO 5(3700), SCI 2, SS 1

- **0.5% Geraniol** CAS No: 106-24-1 EC No: 303-377-1
  
  Classification (EC 1272/2008): ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2

- **0.4% 1,8-Cineole** CAS No: 470-82-5 EC No: 207-431-5
  
  Classification (EC 1272/2008): ATO 5(2500); SCI 3

- **0.4% Camphor** CAS No: 76-22-2 EC No: 200-945-0
  
  Classification (EC 1272/2008): ATO 5(4900); ATI 4(1,5m); SCI 3; STO-SE 2; EH A3

### 04. FIRST AID MEASURES

#### 4.1 Description of first aid measures

- **Inhalation**: Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
- **Ingestion**: DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention.
- **Skin Contact**: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- **Eye Contact**: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and
4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Choking, drowsiness, respiratory disruptions.
Ingestion: May cause queasiness and stomach aches
Skin contact: May cause irritation and stinging
Eye contact: May cause irritation and reddening

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media


Unsuitable extinguishing media: Full water jet.

5.2 Special hazards arising from the product

Closed containers may build up pressure at elevated temperatures.

5.3 Advice for firefighters

Special Fire Fighting Procedures
Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways.
Protective equipment for fire-fighters
Wear full protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up.

Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or courses of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from food, drink and animal feed products. When using do not smoke. Avoid contact with skin and eyes. Handle in accordance with good hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light. Stock according to local / national regulations and always follow the precautions indicated on labels.
7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Linalool (CAS: 78-70-6) Ingredient. Comments: Linalool peroxides (in aged product) may cause skin sensitisation reactions. No exposure limits noted for ingredient(s).

8.2 Exposure controls

Protective Equipment

Goggles

Gloves

Process Conditions
Provide eyewash station.

Engineering Measures
Provide adequate ventilation.

Respiratory Equipment
For high concentrations use respiratory equipment.

Hand Protection
Chemical resistant gloves (PVC)

Eye Protection
Wear approved safety goggles.

Other Protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures
Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal Protection
Use personal protection according to Directive 89/686/EEC.

Skin Protection
Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls
Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Mobile liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless to pale yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic, sweet, slightly woody</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.850 to 0.890 @ 20°C</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>75 c/c</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>1.440 to 1.468 @ 20°C</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>No additional data available</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>No additional data available</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No additional data available</td>
</tr>
<tr>
<td>Solubility in Water @20°C</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Auto-ignition temperature (°C)</td>
<td>No additional data available</td>
</tr>
</tbody>
</table>

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known.
10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

Possible hazardous reactions with strong oxidising agents.

10.4 Conditions to Avoid

Avoid heat, open flames and other ignition sources

10.5 Incompatible materials

Avoid contact with strong acids, strong bases and all oxidising agents

10.6 Hazardous Decomposition Products

Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>Acute oral toxicity LD50 orl-rat was determined as 4.3g/kg. Acute dermal toxicity skn-rbt: &gt;5g/kg (Opdyke 1978 pp 653-654).</td>
</tr>
<tr>
<td>Skin corrosion / irritation</td>
<td>Skin corrosion/irritation Hazard Category 2 under EC 1272/2008 guidelines</td>
</tr>
<tr>
<td>Serious eye damage / irritation</td>
<td>Eye irritant Hazard Category 2 under EC 1272/2008 guidelines</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Skin sensitiser Hazard Category 1 under EC 1272/2008 guidelines</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>Not listed as a mutagen</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not listed as a carcinogen</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not listed as reprotoxic</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>No data found</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No data found</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not listed under EC 1272/2008 in this category</td>
</tr>
<tr>
<td>Photo-toxicity</td>
<td>Not photo-toxic</td>
</tr>
<tr>
<td>Other Information</td>
<td>No additional data available</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Believed to be low

12.2 Persistence & degradability

Believed to be easily biodegradable in water

12.3 Bioaccumulation Potential

No data found on bioaccumulation potential

12.4 Mobility in soil

No data found

12.5 Results of PBT and vPvB Assessment

No data found

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

General information
Do not re-use empty containers. Empty residue into a suitable disposal site.

Dispose of in compliance with all local and national regulations.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

<table>
<thead>
<tr>
<th>UN No. Road</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No. SEA</td>
<td>Not classified</td>
</tr>
<tr>
<td>UN No. AIR</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

#### 14.2 UN proper shipping name

Not dangerous goods. Not classified.

#### 14.3 Transport hazard class(es)

- ADR/RID/AND: Not classified
- ADR/RID/ADN Class: Not classified
- IMDG Class: Not classified
- ICAO Class/Division

#### 14.4 Packing group

- ADR/RID/ADN Packing group: Not classified
- IMDG Packing group: Not classified
- ICAO Packing group: Not classified

#### 14.5 Environmental hazards

Environmentally hazardous substance.

#### 14.6 Special precautions for user

- EMS: Not applicable
- Emergency Action Code: Not classified
- Hazard No. (ADR) Not classified
- Tunnel Restriction Code (E) Not classified

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Tariff Number 33012911

### 15. REGULATORY INFORMATION

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

- Statutory Instruments

- Guidance Notes
  Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

- EU Legislation
15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

| Hazard and/or Precautionary Statements in Full | H315 Causes skin irritation  
| H317 May cause an allergic skin reaction  
| H319 Can cause serious eye irritation  
| H412 Harmful to aquatic life with long-lasting effects.  
| P262 Do not get in eyes, on skin or on clothing  
| P280 Wear protective gloves/protective clothing/eye protection/face protection.  
| P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. |

| Other Information | - - - |
| Revision Date | 23.06.2015 |
| Reason for revision | New SDS |
| Rev No/Repl, SDS Generated | 1 |

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