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

<table>
<thead>
<tr>
<th>1.1 Product Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Name</strong></td>
</tr>
<tr>
<td><strong>Biological Definition</strong></td>
</tr>
<tr>
<td><strong>INCI Name</strong></td>
</tr>
<tr>
<td><strong>Synonyms &amp; Trade Names</strong></td>
</tr>
<tr>
<td><strong>CAS-No</strong></td>
</tr>
<tr>
<td><strong>EC No.</strong></td>
</tr>
<tr>
<td><strong>EINECS No.</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>1.2 Relative identified uses of the substance or mixture and uses advised against</th>
</tr>
</thead>
<tbody>
<tr>
<td>No additional data available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.3 Details of the supplier of the safety data sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oils4life Limited, 26 Blake Drive, Bradwell, Great Yarmouth, Norfolk, NR31 9GW. Emergency Tel No: 01493 600045</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.4 Emergency Tel. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>01572 820267</td>
</tr>
</tbody>
</table>

## 02. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements are displayed in Section 16.

**Classification (EC 1272/2008)**

- Flam. Liq. 3 (H226)
- Asp. Tox. 1 (H304)
- Eye Irrit. 2 (H319)
- Skin Sens. 1 (H317)
- Aqu. Chron. 1 (H410)

### 2.2 Label Elements

#### Label in accordance with (EC) No 1272/2008

<table>
<thead>
<tr>
<th>GHS08</th>
<th>GHS09</th>
<th>GHS07</th>
<th>GHS02</th>
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</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Flammable Liquid Symbol" /></td>
<td><img src="image2.png" alt="Flammable Vapor Symbol" /></td>
<td><img src="image3.png" alt="Danger Symbol" /></td>
<td><img src="image4.png" alt="Flammable Liquid Symbol" /></td>
</tr>
</tbody>
</table>

**Signal Word** | Danger
**Contains** | Delta-3-Carene, alpha-Pinene, beta-Pinene, Limonene, Camphene.

**Hazard Statements**

- **H226** Flammable liquid and vapour.
- **H304** May be fatal if swallowed and enters airways.
- **H319** Causes serious eye irritation.
- **H317** May cause an allergic skin reaction.
- **H410** Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

- **P210** Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 Wear protective gloves/protective clothing and eye/face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor/physician.
P273 Avoid release to the environment.
P501 Dispose of contents/container to regional, national regulation.

Supplementary Precautionary Statements
None.

2.3 Other Hazards
PBT or vPvB according to Annex XIII No additional data available.
Adverse physio-chemical properties No additional data available.
Adverse effects on human health No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

18-30% Limonene CAS-No.: 5989-27-5 EC No.: 227-813-5
Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit 2 – H315 Asp Tox. 1 – H304, Skin Sens. 1 – H317 Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410

15-25% Camphene CAS-No 79-92-5, EC 201-234-8
Classification (EC 1272/2008); Flam. Sol. 1 – H228, Eye Irrit 2 – H319, Aquatic Acute 1 – H400

15-25% alpha-Pinene CAS-No.: 80-56-8 EC No.: 201-291-9

2-6% beta-Pinene Cas. No: 127-91-3 EC No: 204-872-5
Classification (EC 1272/2008); Danger, Flam. Liq. 3 – H226, Skin Sens. 1 – H317, Asp Tox. 1 – H304, Aquatic Chronic 1 – H410

1-5% delta-3-Carene CAS-No.: 13466-78-9 EC No.: 236-719-3
Classification (EC 1272/2008) Danger Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Sens. 1, H317

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Do not leave affected person unattended, Remove victim out of the danger area. Provide fresh air.

Ingestion If swallowed rinse mouth. Do NOT induce vomiting.

Skin Contact After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing immediately.

Eye Contact In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
### 05. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media
- Foam
- Extinguishing powder
- Carbon dioxide (CO2)
- Avoid full water jet

#### 5.2 Special hazards arising from the product
- B (Fires of liquids or liquid turning substances).
- In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated
- Burning produces heavy smoke.

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

### 06. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures
- Wear personal protection equipment.
- Avoid contact with skin, eye and clothing.
- Remove all sources of ignition.
- Provide adequate ventilation.
- Give a warning to persons in the hazard area

#### 6.2 Environmental Precautions
- Do not allow to enter into surface water or drains.
- Cover drains.
- Prevent spread over a wide area (e.g. by containment or oil barriers).

#### 6.3 Methods and material for containment and cleaning up.
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### 6.4 Reference to other sections
- See protective measures under point 7 and 8.

### 07. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling
- Provide earthing of containers, equipment, pumps and ventilation facilities.
- Take precautionary measures against static discharges.
- Wear personal protective clothing (see chapter 8).
- Do not breathe gas/fume/vapour/spray.
- Use only in well-ventilated areas.
- When using do not eat, drink, smoke, sniff.

#### 7.2 Conditions for safe storage, including any incompatibilities
- Keep container tightly closed.
### 7.3 Specific end use(s)

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Fir Needle</th>
<th>Revision Date:</th>
<th>02/04/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oils4life Limited, 26 Blake Drive, Bradwell, Great Yarmouth, Norfolk, NR31 9GW.</td>
<td></td>
<td>Rev No/Repl SDS Generated:</td>
<td></td>
</tr>
<tr>
<td>Company Registration Number</td>
<td>04653252</td>
<td><a href="http://www.oils4life.co.uk">www.oils4life.co.uk</a></td>
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<tr>
<td>Specific end use(s)</td>
<td>No additional data available.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity
No dangerous reactions known.

### 10.2 Chemical stability
Product is stable at room temperature.

### 10.3 Possible hazardous reactions
No dangerous reactions expected if used according to specifications.

### 10.4 Conditions to Avoid
Temperatures more than room temperature will benefit the transfer from liquid to vapor phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.

### 10.5 Incompatible materials
No additional data available.

### 10.6 Hazardous Decomposition Products
No dangerous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>LD50 (oral) &gt; 5000 mg/kg, LD50 (dermal) &gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Skin corrosion / irritation</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Serious eye damage / irritation</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No additional data available.</td>
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<tr>
<td>Reproductive toxicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
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</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
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</tr>
<tr>
<td>Photo-toxicity</td>
<td>No additional data available.</td>
</tr>
<tr>
<td>Other Information</td>
<td>No additional data available.</td>
</tr>
</tbody>
</table>

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity
No additional data available.

### 12.2 Persistence & degradability
No additional data available.

### 12.3 Bioaccumulation Potential
No additional data available.

### 12.4 Mobility in soil
No additional data available.

### 12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects

No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Hazardous waste according to waste regulation
Dispose according to legislation.
Delivery to an approved waste disposal company.
Non-contaminated packages may be recycled.

14. TRANSPORT INFORMATION

14.1 UN number

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No. Road</td>
<td>1272</td>
</tr>
<tr>
<td>UN No. SEA</td>
<td>1272</td>
</tr>
<tr>
<td>UN No. AIR</td>
<td>1272</td>
</tr>
</tbody>
</table>

14.2 UN proper shipping name

PINE OIL

14.3 Transport hazard class(es)

<table>
<thead>
<tr>
<th>Class</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID/ADN Class:</td>
<td>3</td>
</tr>
<tr>
<td>ADR/RID/ADN Class:</td>
<td>3</td>
</tr>
<tr>
<td>IMDG Class</td>
<td>3</td>
</tr>
<tr>
<td>ICAO Class/Division</td>
<td></td>
</tr>
</tbody>
</table>

Transport Labels

![Flammable]

EAC – 3Y
HIN – 30

14.4 Packing group

<table>
<thead>
<tr>
<th>Class</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID/ADN Packing group</td>
<td>III</td>
</tr>
<tr>
<td>IMDG Packing group</td>
<td>III</td>
</tr>
<tr>
<td>ICAO Packing group</td>
<td>III</td>
</tr>
</tbody>
</table>

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6 Special precautions for user
See section 6 to 8.

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

Packed and transferred according to transport regulations.

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 safety assessment available.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Hazard and/or Precautionary Statements in Full</th>
<th>H226</th>
<th>Flammable liquid and vapour.</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>H228</td>
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<td></td>
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<td>Very toxic to aquatic life with long lasting effects.</td>
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<tr>
<td></td>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
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</table>

Other Information
None.

Revision Date
24/09/15

Reason for revision
New SDS

Rev No/Repl, SDS Generated
01

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