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

<table>
<thead>
<tr>
<th>1.1 Product Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
</tr>
<tr>
<td>Biological Definition</td>
</tr>
<tr>
<td>INCI Name</td>
</tr>
<tr>
<td>CAS-No</td>
</tr>
<tr>
<td>EC No.</td>
</tr>
<tr>
<td>EINECS No.</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

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

Classification (EC 1272/2008)

- Flammable liquid, Category 3 (Flam. Liq. 3, H226).
- Skin irritation, Category 2 (Skin Irrit. 2, H315).
- Skin sensitisation, Category 1 (Skin Sens. 1, H317).
- Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

- GHS08
- GHS09
- GHS07
- GHS02

Signal Word | Danger
Contains | 1,4-Cineole, Alpha-terpineol, Pinenes, (R)-P-Mentha-1,8-Diene, Para-Cymene

Hazard Statements

- H226 | Flammable liquid and vapour.
- H304 | May be fatal if swallowed and enters airways.
- H315 | Causes skin irritation.
- H317 | May cause an allergic skin reaction.
- H411 | Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P273 | Avoid release to the environment.
P280 Wear protective gloves/protection clothing/eye protection/face protection.

Supplementary Precautionary Statements

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P331 Do NOT induce vomiting.
P332 + P313 IF skin irritation occurs: Get medical advice/attention.

2.3 Other Hazards

PBT or vPvB according to Annex XIII

The substance does not satisfy the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

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

60.0% 1,4-CINEOLE CAS: 470-67-7, EC: 207-428-9


20.0% ALPHA-TERPINEOL CAS-No.: 118-58-1 EC No.: 204-262-9

Classification (EC 1272/2008) Danger. Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1

7.0% PINENES (ALPHA OR BETA)

Classification (EC 1272/2008) Dgr Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1

6.0% HYDROCARBONS

Classification (EC 1272/2008) Danger Asp. Tox. 1, H304

3.0% (R)-P-MENTHA-1,8-DIENE CAS: 5989-27-5, EC: 227-813-5

Classification (EC 1272/2008) Warning, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1

2.0% PARA-CYMENE CAS: 99-87-6, EC: 202-796-7

Classification (EC 1272/2008) Danger, Flam. Liq. 3, H226, Asp. Tox. 1, H304, Aquatic Chronic 2, H411,

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 give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical
attention immediately, showing the label. If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

**Skin Contact**
Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention.
If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**Eye Contact**
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

### 4.2 Most important symptoms and effects, both acute and delayed
No additional data available

### 4.3 Indication of any immediate medical attention and special treatment needed
No additional data available

### 05. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media
Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.
Keep packages near the fire cool, to prevent pressurised containers from bursting.

#### 5.2 Special hazards arising from the product
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
In the event of a fire, the following may be formed:
- carbon monoxide (CO)
- carbon dioxide (CO2)

#### 5.3 Advice for firefighters
Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

### 06. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures
Consult the safety measures listed under headings 7 and 8.
For non first aid worker
Avoid any contact with the skin and eyes.
For first aid worker
First aid workers will be equipped with suitable personal protective equipment (See section 8).

#### 6.2 Environmental Precautions
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures
Use drums to dispose of collected waste in compliance with current regulations (see section 13).

#### 6.3 Methods and material for containment and cleaning up.
Clean preferably with a detergent, do not use solvents.

6.4 Reference to other sections
No additional data available

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Individuals with a history of skin sensitisation should not, under any circumstance, handle this substance.

Always wash hands after handling.
Remove and wash contaminated clothing before re-using.
Remove contaminated clothing and protective equipment before entering eating areas.

Fire prevention:
Handle in well-ventilated areas.
Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.
Never inhale this substance.
Prevent the accumulation of electrostatic charges with connections to earth.
Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorised personnel.

Recommended equipment and procedures:
For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures:
No smoking, eating or drinking in areas where the substance is used.
Never open the packages under pressure.

7.2 Conditions for safe storage, including any incompatibilities

Storage
Keep the container tightly closed in a dry, well-ventilated place.
Keep away from food and drink, including those for animals.
Keep away from all sources of ignition - do not smoke.
Keep well away from all sources of ignition, heat and direct sunlight.
Avoid accumulation of electrostatic charges.

Packaging
Always keep in packaging made of an identical material to the original.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
No additional data available.

8.2 Exposure controls
Protective Equipment

<table>
<thead>
<tr>
<th>Process Conditions</th>
<th>Provide eyewash station.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Measures</td>
<td>Provide adequate ventilation.</td>
</tr>
<tr>
<td>Respiratory Equipment</td>
<td>For high concentrations use respiratory equipment.</td>
</tr>
<tr>
<td>Hand Protection</td>
<td>Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required. Recommended properties: - Impervious gloves in accordance with standard EN374</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes</td>
</tr>
<tr>
<td>Other Protection</td>
<td>Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.</td>
</tr>
<tr>
<td>Hygiene Measures</td>
<td>Good personal hygiene practices are always advisable, especially when working with chemicals/oils. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>Use personal protection according to Directive 89/686/EEC.</td>
</tr>
<tr>
<td>Skin Protection</td>
<td>Avoid skin contact. Wear suitable protective clothing. Suitable type of protective clothing: In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.</td>
</tr>
<tr>
<td>Environmental Exposure Controls</td>
<td>Avoid discharging into drainage water. Only eliminate by authorised companies.</td>
</tr>
</tbody>
</table>

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Pale yellow to amber yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Flowery, slightly woody</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.903 - 0.924 @ 20°C</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>23°C &lt;= PE &lt;= 55°C</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>1.495 - 1.505 @ 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>
</tbody>
</table>
Solubility in Water @20°C | Insoluble in water.
---|---
Auto-ignition temperature (°C) | No additional data available.

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

10.3 Possible hazardous reactions

No additional data available

10.4 Conditions to Avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.
Avoid:
- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

10.5 Incompatible materials

No additional data available

10.6 Hazardous Decomposition Products

The thermal decomposition may release/form:
- carbon monoxide (CO)
- carbon dioxide (CO2)

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute Toxicity</th>
<th>May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic reaction by skin contact. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.</th>
</tr>
</thead>
<tbody>
<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>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No additional data available</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>No additional data available</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No additional data available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>May be fatal if swallowed and enters airways. Aspiration toxicity includes severe acute effects such as chemical</td>
</tr>
</tbody>
</table>
pneumonia, varying degrees of pulmonary injury or death following aspiration.

<table>
<thead>
<tr>
<th>Photo-toxicity</th>
<th>No additional data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Information</td>
<td>No additional data available</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.

#### 12.2 Persistence & degradability

Degradability: No data available.

#### 12.3 Bioaccumulation Potential

Bioaccumulative potential: No data available on bioaccumulation.

#### 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

Do not pour into drains or waterways.

**Waste:**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging:**

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

| UN No. Road | 1169 |
| UN No. SEA  | 1169 |
| UN No. AIR  | 1169 |

#### 14.2 UN proper shipping name

UN1169=EXTRACTS, AROMATIC, LIQUID

#### 14.3 Transport hazard class(es)

- ADR/RID/ADN Class 3
- IMDG Class 3
14.4 Packing group

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

14.5 Environmental hazards

- Environmentally Hazardous Substance/Marine Pollutant

14.6 Special precautions for user

- EMS F-E,S-D
- Emergency Action Code F1
- Hazard No. (ADR) 90 Environmentally hazardous substance
- Tunnel Restriction Code (D/E)

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

- No additional data available

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 | H226 Flammable liquid and vapour.  
| H304 May be fatal if swallowed and enters airways.  
| H315 Causes skin irritation.  
| H317 May cause an allergic skin reaction.  
| H319 Causes serious eye irritation.  
| H400 Very toxic to aquatic life.  
| H410 Very toxic to aquatic life with long lasting effects.  
| H411 Toxic to aquatic life with long lasting effects.  |

<table>
<thead>
<tr>
<th>Other Information</th>
<th>None</th>
</tr>
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<table>
<thead>
<tr>
<th>Revision Date</th>
<th>24/06/15</th>
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<table>
<thead>
<tr>
<th>Reason for revision</th>
<th>New SDS</th>
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<th>Rev No/Repl, SDS Generated</th>
<th>01</th>
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