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

### 1.1 Product Identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Cedarwood Oil Atlas.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Definition</td>
<td>Cedrus Atlantica Bark Oil is the volatile oil obtained from the bark of <em>Cedrus atlantica, Pinaceae</em>.</td>
</tr>
<tr>
<td>INCI Name</td>
<td>Cedrus Atlantica Bark Oil.</td>
</tr>
<tr>
<td>Synonyms &amp; Trade Names</td>
<td>-</td>
</tr>
<tr>
<td>CAS-No</td>
<td>92201-55-3 / 8000-27-9</td>
</tr>
<tr>
<td>EC No.</td>
<td>295-985-9</td>
</tr>
<tr>
<td>EINECS No.</td>
<td>295-985-9</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 is Displayed in Section 16.

- **Human health**: May produce an allergic reaction (EUH208).

- **Environment**: The product contains a substance which may cause long term adverse effects in the aquatic environment.

**Classification (EC 1272/2008)**

Physical and Chemical Hazards: This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

- **Human health Asp**: Tox. 1 - H304.
- **Environment**: Aquatic Chronic 2 – EHC2 H411.

### 2.2 Label Elements

Label in accordance with (EC) No 1272/2008

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Danger.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contains</td>
<td>EUH208 Contains longifolene. May produce an allergic reaction. Hydrocarbons, Longifolene, Alpha-Cedrene.</td>
</tr>
<tr>
<td>Hazard Statements</td>
<td>H304 May be fatal if swallowed and enters airways.</td>
</tr>
</tbody>
</table>
Precautionary Statements

P273 Avoid release to the environment.

Supplementary Precautionary Statements

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container to...
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 fumes.

In case of fire may form:
- Carbon monoxide (CO)
- Carbon dioxide (CO₂)

5.3 Advice for firefighters

No additional data available.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

For emergency
To be equipped with suitable personal protective equipment (Refer to Section 8).

6.2 Environmental Precautions

Contain and collect spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent entry into sewers or waterways.

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

Always wash hands after handling.
Remove and wash contaminated clothing before re-using.

Fire prevention:
Never inhale this substance.
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.

7.2 Conditions for safe storage, including any incompatibilities

Storage
Keep away from food and drink, including those for animals.

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

Process Conditions | Provide eyewash station.

Engineering Measures | Provide adequate ventilation.

Respiratory Equipment | For high concentrations use respiratory equipment.

Hand Protection | 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

Eye Protection | Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.

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

Hygiene Measures | 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.

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

Skin Protection | 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.

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>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Pale yellow to yellow.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic - sweet, woody, almost balsamic.</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.920 - 0.960 @ 20°C</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>&gt;100°C</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>1.500 - 1.530 @ 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 in water.</td>
</tr>
<tr>
<td>Auto-ignition temperature (°C)</td>
<td>No additional data available.</td>
</tr>
</tbody>
</table>

9.2 Other information
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
Avoid: humidity.

10.5 Incompatible materials
Materials To Avoid: Water.

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>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 pneumonia, varying degrees of pulmonary injury or death following aspiration.</td>
</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
Toxic to aquatic life with long lasting effects.
The product must not be allowed to run into drains or waterways.

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

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 | 3082 |
| UN No. SEA | 3082 |
| UN No. AIR | 3082 |

14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (alpha-Cedrene)

14.3 Transport hazard class(es)

ADR/RID/AND: Class 9
ADR/RID/AND: Class 9: Miscellaneous dangerous substances and articles.
IMDG: Class 9
ICAO: Class/Division 9

Transport Labels

14.4 Packing group

ADR/RID/ADN Packing group: III
IMDG Packing group: III
ICAO Packing group: III

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
### 14.6 Special precautions for user

- **EMS F-A-S-F**
- **Emergency Action Code 3Z**
- **Hazard No. (ADR) 90** Environmentally hazardous substance; miscellaneous dangerous substances.
- **Tunnel Restriction Code (E)**

### 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

<table>
<thead>
<tr>
<th>Hazard and/or Precautionary Statements in Full</th>
<th>Contains:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC 207-418-4 ALPHA-CEDRENE</td>
</tr>
<tr>
<td></td>
<td>EC 207-491-2 LONGIFOLENE</td>
</tr>
<tr>
<td></td>
<td>Contains EC 207-491-2 LONGIFOLENE. May produce an allergic reaction.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Information</th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date</td>
<td>25/06/15</td>
</tr>
<tr>
<td>Reason for revision</td>
<td>New SDS.</td>
</tr>
<tr>
<td>Rev No/Repl, SDS Generated</td>
<td>01</td>
</tr>
</tbody>
</table>

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