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

## 1.1 Product Identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Galbanum Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Definition</td>
<td>Ferula Galbaniflua Resin Oil is the essential oil obtained from the resin of the Galbanum, Ferula galbaniflua, Apiaceae</td>
</tr>
<tr>
<td>INCI Name</td>
<td>Ferula Galbaniflua Resin Oil</td>
</tr>
<tr>
<td>Synonyms &amp; Trade Names</td>
<td>-</td>
</tr>
<tr>
<td>CAS-No</td>
<td>93165-40-3 / 8023-91-4</td>
</tr>
<tr>
<td>EC No.</td>
<td>296-925-4</td>
</tr>
<tr>
<td>EINECS No.</td>
<td>296-925-4</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. Emergency Tel No: 01493 600045

## 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)

<table>
<thead>
<tr>
<th>Physical and Chemical Hazards</th>
<th>Flammable Liquid, Hazard Category 3, H 226</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human health Asp.</td>
<td>Skin Corrosion / Irritation Category 2 ,H315</td>
</tr>
<tr>
<td></td>
<td>Sensitization - Skin Category 1, H317</td>
</tr>
<tr>
<td></td>
<td>Aspiration Hazard Category 1, H304</td>
</tr>
<tr>
<td>Environment</td>
<td>Hazardous to the Aquatic Environment - Acute Hazard Cat. 2</td>
</tr>
<tr>
<td></td>
<td>Hazardous to the Aquatic Environment - Long-term Hazard Cat. 2, H411</td>
</tr>
</tbody>
</table>

## 2.2 Label Elements

Label in accordance with (EC) No 1272/2008

<table>
<thead>
<tr>
<th>GHS02</th>
<th>GHS07</th>
<th>GHS08</th>
<th>GHS09</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Flammable Liquid" /></td>
<td><img src="image" alt="Warning" /></td>
<td><img src="image" alt="Skin Irritation" /></td>
<td><img src="image" alt="Hazardous to Aquatic Environ" /></td>
</tr>
</tbody>
</table>

Signal Word | Danger |
Contains | - |

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**

- **P210** Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
- **P233** Keep container tightly closed.
- **P240** Ground/bond container and receiving equipment.
- **P241** Use explosion-proof electrical, ventilating and lighting equipment.
- **P242** Use only non-sparking tools.
- **P243** Take precautionary measures against static discharge.
- **P261** Avoid breathing vapour or dust.
- **P264** Wash hands and other contacted skin thoroughly after handling.
- **P272** Contaminated work clothing should not be allowed out of the workplace.
- **P273** Avoid release to the environment.
- **P270/370** Collect spillage.
- **P301/310** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- **P303/361/353** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- **P331** Do not induce vomiting.
- **P333/313** If skin irritation or rash occurs: Get medical advice/attention.
- **P362** Take off contaminated clothing and wash before reuse.
- **P370/378** In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
- **P403/235** Store in a well-ventilated place. Keep cool.
- **P405** Store locked up.
- **P501** Dispose of contents/container to approved disposal site, in accordance with local regulations.

**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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>EC No.</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 81.0% beta-Pinene</td>
<td>127-91-3</td>
<td>204-872-5</td>
<td>(EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1;H226-H304- H315-H317</td>
</tr>
<tr>
<td>≤ 6.5% alpha-Pinene</td>
<td>80-56-8</td>
<td>201-291-9</td>
<td>(EC 1272/2008) FL 3-ATO 5-SCI 2-SS 1B-AH 1;H226- H303-H304-H315-H317</td>
</tr>
<tr>
<td>≤ 5.5% delta-3-Carene</td>
<td>13466-78-9</td>
<td>236-719-3</td>
<td>(EC 1272/2008) FL 3-ATO 5-SCI 2-SS 1B-AH 1;H226- H303-H304-H315-H317</td>
</tr>
</tbody>
</table>
### 04. FIRST AID MEASURES

#### 4.1 Description of first aid measures

<table>
<thead>
<tr>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Remove victim immediately from source of exposure. Seek medical attention if any discomfort continues.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Immediately rinse mouth and provide fresh air. Seek medical attention immediately.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Remove contaminated clothing immediately and wash skin with soap and water. Seek medical attention if any discomfort continues.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.</td>
</tr>
</tbody>
</table>

#### 4.2 Most important symptoms and effects, both acute and delayed

- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- May cause an allergic skin reaction.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

### 05. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO2). Dry chemical Powder. Foam.

#### 5.2 Special hazards arising from the product

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.
## 06. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### 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. 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 heat, sparks, open flames and hot surfaces. - No smoking. 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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 7.3 Specific end use(s)

Flavours, Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No additional data available.

### 8.2 Exposure controls

<table>
<thead>
<tr>
<th>Protective Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process Conditions</td>
</tr>
<tr>
<td>Engineering Measures</td>
</tr>
<tr>
<td>Respiratory Equipment</td>
</tr>
<tr>
<td>Hand Protection</td>
</tr>
<tr>
<td>Eye Protection</td>
</tr>
<tr>
<td>Other Protection</td>
</tr>
<tr>
<td>Hygiene Measures</td>
</tr>
</tbody>
</table>
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>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless to pale yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic – green leafy, turpentine, balsamic</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.867 - 0.890 @ 20°C</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>42°C</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>1.475 - 1.485 @ 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

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

No additional data available.

10.4 Conditions to Avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous Decomposition Products

Not expected.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: &gt;5000 Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: &gt;5000 Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available Inhalation Route: Not Available</td>
</tr>
<tr>
<td>Skin corrosion / irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage / irritation</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td></td>
<td>No additional data available.</td>
</tr>
</tbody>
</table>
Respiratory or skin sensitisation | No additional data available.
Germ Cell Mutagenicity | No additional data available.
Carcinogenicity | No additional data available.
Reproductive toxicity | No additional data available.
STOT-single exposure | No additional data available.
STOT-repeated exposure | No additional data available.
Aspiration hazard | No additional data available.
Photo-toxicity | No additional data available.
Other Information | May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Toxic to aquatic life with long lasting effects.

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
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

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

14.2 UN proper shipping name
EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es)
ADR/RID/ADN Class: 3
IMDG Class: 3
ICAO Class/Division: 3
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

No additional data available.

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

<table>
<thead>
<tr>
<th>Hazard and/or Precautionary Statements in Full</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Information</td>
<td>None</td>
</tr>
<tr>
<td>Revision Date</td>
<td>18/09/2015</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------</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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