# Material Safety Data Sheet: Eucalyptus Globulus Oil

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

### 1.1 Product Identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Eucalyptus Globulus Oil.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Definition</td>
<td>Eucalyptus Globulus Leaf Oil is the volatile oil obtained from the fresh leaves of the Eucalyptus, <em>Eucalyptus globulus</em> and other species of <em>Eucalyptus</em>, Myrtaceae. Syn.</td>
</tr>
<tr>
<td>INCI Name</td>
<td>Eucalyptus Globulus Leaf Oil.</td>
</tr>
<tr>
<td>Synonyms &amp; Trade Names</td>
<td>-</td>
</tr>
<tr>
<td>CAS-No</td>
<td>8000-48-4/84625-32-1</td>
</tr>
<tr>
<td>EC No.</td>
<td>-/283-406-2</td>
</tr>
<tr>
<td>EINECS No.</td>
<td>-/283-406-2</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

Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912

### 1.4 Emergency Tel. No.

+ 44 (0) 161 633 3952

## 02. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Classification (EC 1272/2008)

- Physical and Chemical Hazards Flam. Liq. 3 - H226
- Human health Skin Sens. 1 - H317; Asp. Tox. 1 - H304
- Environment Aquatic Chronic 2 - H411

### 2.2 Label Elements

Label in accordance with (EC) No 1272/2008

- GHS08
- GHS09
- GHS07
- GHS02

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contains</td>
<td>Alpha pinene natural, Beta Pinene, Limonene.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226 Flammable liquid and vapour.</td>
</tr>
<tr>
<td>H304 May be fatal if swallowed and enters airways.</td>
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<td>H317 May cause an allergic skin reaction.</td>
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<tr>
<td>H411 Toxic to aquatic life with long lasting effects.</td>
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<table>
<thead>
<tr>
<th>Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>P273 Avoid release to the environment.</td>
</tr>
</tbody>
</table>

Essential Oils Direct Ltd – 13 Parkside Industrial Estate, Edge Lane St, Royton OL2 6DS - 0161 633 3952 Reg No 04199912

www.essentialoilsdirect.co.uk

Revision Date: 25/01/2016

Rev No/Repl SDS Generated 02
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P262 Do not get in eyes, on skin, or on clothing.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P501 Dispose of contents/container to ...

Supplementary Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P501 Dispose of contents/container to ...

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

60-100% Cineol  CAS-No.: 470-67-7 EC No.: 207-428-9

Classification (EC 1272/2008) Flam. Liq. 3 – H226,

5-10% 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

≤ 5% g-Terpinene  CAS-No.: 99-85-4, EC No.: 202-794-6

Classification (EC 1272/2008) Flam. Liq. 3 - H226
Asp. Tox. 1 - H304

≤ 5% alpha-Pinene CAS-No.: 80-56-8 EC No.: 201-291-9


≤ 5% beta-Pinene  Cas. No: 127-91-3  EC No: 204-872-5

Classification (EC 1272/2008); Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304
04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation  Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Seek medical attention.

Ingestion  Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING!

Skin Contact  Remove contaminated clothing. Wash the skin immediately with soap and water. Seek medical attention if irritation or symptoms persist. Seek medical attention.

Eye Contact  Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. If symptoms persist seek medical attention.

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

Extinguishing media
Use as appropriate: Carbon Dioxide (CO2), dry chemical

5.2 Special hazards arising from the product

Specific hazards
Burning can produce irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

Special Fire Fighting Procedures
Water is unsuitable to use as an extinguishing method.
Protective equipment for fire-fighters
Wear suitable respiratory equipment when necessary.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing.

6.2 Environmental Precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up.

Absorb with inert, absorbant material. Sweep up. Transfer to suitable, labelled container for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

No additional data available.
07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing. Keep away from heat, sparks and open flame.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

p-Cymene (CAS: 99-87-6)
Ingredient Comments
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Protective Equipment

Process Conditions No additional data available.
Engineering Measures Provide adequate ventilation.
Respiratory Equipment Self-contained breathing apparatus.
Hand Protection Chemical resistant gloves required for prolonged or repeated contact.
Eye Protection Wear approved safety goggles.
Other Protection Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.
Personal Protection No additional data available.
Skin Protection No additional data available.
Environmental Exposure Controls No additional data available.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Liquid
Colour Colourless to pale yellow.
Odour Characteristic
Relative Density 0.905 - 0.925 @ 20°C
Flash Point (°C) 49°C (Closed Cup)
Refractive Index 1.457 - 1.467 @ 20°C
Melting Point (°C) No additional data available.
Boiling Point (°C) No additional data available.
Vapour Pressure No additional data available.
Solubility in Water @20°C Insoluble in water.
Auto-ignition No additional data available.
10. STABILITY AND REACTIVITY

10.1 Reactivity
No additional data available.

10.2 Chemical stability
Stable under normal temperature conditions.

10.3 Possible hazardous reactions
No additional data available.

10.4 Conditions to Avoid
Heat, sparks and open flames.

10.5 Incompatible materials
Materials To Avoid
Strong oxidising agents. Strong acids.

10.6 Hazardous Decomposition Products
Combustion produces carbon dioxide, carbon monoxide and smoke.

11. TOXICOLOGICAL 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>Toxicological information</td>
</tr>
<tr>
<td>Skin corrosion / irritation</td>
<td>Toxic to aquatic organisms, may cause long term adverse effects in the</td>
</tr>
<tr>
<td>Serious eye damage / irritation</td>
<td>aquatic environment.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>In high concentrations, vapours may irritate throat and respiratory system</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>No additional data available.</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
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

Dispose of in compliance with all local and national regulations.

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

EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es)

ADR/RID/ADN Class: 3
ADR/RID/ADN Class: 3
IMDG Class 3
ICAO Class/Division

Transport Labels

EMS F-E, S-D
Emergency Action Code 3Y
Hazard No. (ADR) 30 Flammable liquid (flash-point between 23°C and 60°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 60°C, heated to a temperature equal to or above its flash-point, or self heating liquid.

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**

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.

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15. **REGULATORY INFORMATION**

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

<table>
<thead>
<tr>
<th>Statutory Instruments</th>
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</thead>
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<table>
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<tr>
<th>Guidance Notes</th>
</tr>
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<tbody>
<tr>
<td>Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EU Legislation</th>
</tr>
</thead>
</table>

15.2 **Chemical safety assessment**

No additional information available.

16. **OTHER INFORMATION**

<table>
<thead>
<tr>
<th>Hazard and/or Precautionary Statements in Full</th>
</tr>
</thead>
<tbody>
<tr>
<td>H315 Causes skin irritation.</td>
</tr>
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<td>H226 Flammable liquid and vapour.</td>
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</tr>
<tr>
<td>H410 Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H400 Very toxic to aquatic life.</td>
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<table>
<thead>
<tr>
<th>Other Information</th>
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<tbody>
<tr>
<td>None</td>
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<th>Revision Date</th>
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<td>25/01/16</td>
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<th>Reason for revision</th>
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<td>Updated SDS</td>
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