

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

| | | | | | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|-----------|
| 1.1 Product Identifier | Eucalyptus Globulus Oil. | | | | |
| Biological Definition | Eucalyptus Globulus Leaf Oil is the volatile oil obtained from the fresh leaves of the Eucalyptus, Eucalyptus globulus and other species of Eucalyptus, Myrtaceae. Syn. | | | | |
| INCI Name | Eucalyptus Globulus Leaf Oil. | | | | |
| Synonyms Trade Names | None | | | | |
| CAS Number | 8000-48-4 84625-32-1 | EC Number | 283-406-2 | EINECS No. | 283-406-2 |

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

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

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

GHS08

GHS09

GHS07

GHS02

None



Signal Word

Danger

Contains

Alpha Pinene, Beta Pinene, Limonene,

Hazard Statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

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/protective clothing/eye protection/face protection.
P262 Do not get in eyes, on skin, or on clothing.
P301 IF SWALLOWED:
P310 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

2.3 Other Hazards

| | |
|------------------------------------|-------------------------------|
| PBT or PvB 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, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

0 - 5 % g-Terpinene

CAS No: 99-58-4 EC No: 202-794-6

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

0 - 5 % Alpha-Pinene

CAS No: 80-56-8 EC No: 201-291-9

Classification (EC 1272/2008): Aquatic Acute 2 - H400, Chronic Aquatic 1 - H410, Skin Sens. 1 - H317, Skin Irrit 2 - H315, Asp. Tox. 1 - H304, Acute Tox. 5 - H503, Flam. Liq. 3 - H226

0 - 5 % Beta-Pinene

CAS No: 127-91-3 EC No: 20-872-5

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

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Acute Tox. 5 - H303, Aquatic Chronic 2 - H411, Skin Irrit 3 - H316

04. FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 41 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. |
| 41 Ingestion: | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING! |
| 41 Eye: | 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. |
| 41 Skin: | Remove contaminated clothing. Wash the skin immediately with soap and water. Seek medical attention if irritation or 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

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental Precautions

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

6.3 Methods and material for containment and clearing up

No additional data available.

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 openflame.

7.2 Conditions for safe storage, including and 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

Goggles

Gloves

Overalls

None

None



Process Conditions:

Provide eyewash station.

Engineering Measures:

Provide adequate ventilation.

Respiratory Equipment:

Avoid inhalation of vapour.

Hand Protection:

Avoid skin contact. Wear protective gloves.

Eye Protection:

Wear protective goggles to prevent eye contact.

Other Protection:

Slip proof shoes may be worn in event of spillages.

Hygiene Measures:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal Protection:

Avoid inhalation of vapour and contact with skin and eyes.

Skin Protection

Wear overalls or laboratory coat to protect from skin contact.

Environmental

Exposure Controls:

Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:

Liquid

Colour:

Colourless to pale yellow.

Flash Point:

49°C (Closed Cup)

Odour:

Characteristic

Relative Density:

0.905 - 0.925 @ 20°C

Refractive:

1.457 - 1.467 @ 20°C

Melting Point:

No additional data available.

Boiling:

No additional data available.

| | |
|----------------|-------------------------------|
| Vapour: | No additional data available. |
| Solubility: | Insoluble in water. |
| Auto Ignition: | No additional data available. |

9.2 Other Information

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. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Acute Toxicity: | Toxicological information Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. |
| Respiratory or skin sensitisation: | In high concentrations, vapours may irritate throat and respiratory system and cause coughing. |
| Skin corrosion/irritation: | May cause sensitisation by skin contact. |
| Serious Eye damage/irritation: | Spray and vapour in the eyes may cause irritation and smarting. |
| 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. |
| Photo-toxicity: | No additional data available. |
| Aspiration hazard: | No additional data available. |
| Other Information: | No additional data available. |

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

| | |
|-------|------|
| Road: | 1169 |
| Sea: | 1169 |
| Air: | 1169 |

14.2 UN Prpoer shipping name

EXTRACTS, AROM

14.3 Transport hazard class(es)

ADR/RID/ADN Class: 3ADR/RID/ADN Class: 3IMDG Class 3ICAO Class/Division Transport LabelsEMS F-E, S-DEmergency Action Code 3YHazard 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.

Cl. 3_140_s

EXTRACTS, AROM

EXTRACTS, AROM



14.4 Packing group

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

14.5 Environmental Hazards

Environmentally H

Umwelt_140

EXTRACTS, AROM

EXTRACTS, AROM



14.6 Special precautions for users

See section 6 to 8.

14.7 Transport in bulk according to Annex II of MARLPOL73/78 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

Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108). EU Legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard or precaution | H315 Causes skin irritation. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life. |
| Other Information:: | None |
| Revision Date: | 4/1/2021 |
| Reason: | New SDS |
| Revision Number: | 2 |

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.