



Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Eucalyptus Oil Smithii			
Biological Definition		Eucalyptus Smithii Leaf Oil is an essential oil obtained from the fresh leaves of the Eucalyptus, <i>Eucalyptus smithii</i> , <i>Myrtaceae</i> . Its chief constituent is eucalyptol.			
INCI Name		Eucalyptus Smithii Leaf Oil			
Synonyms & Trade Names					
CAS-No	91771-68-5	EC No.	294-962-0	EINECS No.	294-962-0
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					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
1.4 Emergency Tel. No.		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

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	
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">GHS08 </div> <div style="text-align: center;">GHS09 </div> <div style="text-align: center;">GHS07 </div> <div style="text-align: center;">GHS02 </div> </div>	
Signal Word	Danger
Contains	Alpha pinene natural, 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+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.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P321 Specific treatment (see ... on this label).
 P333+313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P370+378 In case of fire: Use ... for extinction.
 P403+235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.

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

70-90% Cineol CAS-No.: 470-67-7 EC No.: 207-428-9

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

1-10% 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

1-5% alpha-Pinene CAS-No.: 80-56-8 EC No.: 201-291-9

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

1-5% 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

1-5% para-Cymene CAS-No.: 99-87-6 EC No.: 202-796-7

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

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 (CO ₂), 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	
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	Mobile liquid, colourless to pale yellow
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 temperature (°C)	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.
Skin corrosion / irritation	May cause sensitisation by skin contact.
Serious eye damage / irritation	Spray and vapour in the eyes may cause irritation and smarting.
Respiratory or skin sensitisation	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
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	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**

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.

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

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 and/or Precautionary Statements in Full	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	December 25, 2015
Reason for revision	Updated SDS
Rev No/Repl, SDS Generated	02

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