

**Safety Data Sheet**  
**Eucalyptus Essential Oil**

May 9<sup>th</sup>, 2011

**Section 1: Chemical Product and Company Identification**

**Product name:** Eucalyptus Essential Oil  
**Contact Info:** Bramble Berry Inc.  
2138 Humboldt Street  
Bellingham, WA 98225  
info@brambleberry.com  
www.brambleberry.com  
1-877-627-7883

**Emergency Phone Number:**  
Within USA & Canada: 1.800.424.9300 CCN693143  
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

**Section 2: Hazards Identification**

**CLASSIFICATION (1999/45) Xn;R65. R43. N;R51/53. R10.**  
**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**

**LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008**



**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.

**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.
- 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.
- P273** Avoid release to the environment.
- P280** Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- 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.
- P331** Do NOT induce vomiting.
- P333+313** If skin irritation or rash occurs: Get medical advice/attention.
- P363** Wash contaminated clothing before reuse.
- P391** Collect spillage.
- P403+235** Store in a well-ventilated place. Keep cool.
- P405** Store locked up.

**Section 3: Composition/Information on Ingredients**

<b>ALPHA PINENE: 5 – 10 %</b> <b>CAS-No.: 80-56-8</b>	<b>EC No.: 201-291-9</b>
Classification (EC 1272/2008) Flam. Liq. 3 – H226 Skin Sens. 1 – H317 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	Classification (67/548/EEC) Xn;R65. N;R50/53. R43,R10.

<b>BETA PINENE: 1 – 5 %</b> <b>CAS-No.: 127-91-3</b>	<b>EC No.: 204-872-5</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R65. N;R50/53. R43,R10.

<b>GAMMA TERPINENE: 1 – 5 %</b>	<b>EC No.: 202-794-6</b>
---------------------------------	--------------------------

<b>CAS-No.: 99-85-4</b>	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10.

<b>LIMONENE: 5 – 10 %</b> <b>CAS-No.: 138-86-3</b>	<b>EC No.: 205-341-0</b>
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	Classification (67/548/EEC) Xn;R65. Xi;R38. N;R50/53. R10,R43.

<b>PARA-CYMENE: 1 – 5 %</b> <b>CAS-No.: 99-87-6</b>	<b>EC No.: 202-796-7</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R10.

The Full Text for all R-Phrases and Hazard Statements is displayed in Section 16

**EC (EINECS) NO.** 283-406-2

**CAS-NO.** 8000-48-4

## Section 4: First Aid Measures

**General Information:** Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

**Notes to the Physician:** No specific first aid measures noted.

**Inhalation:** Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion:** If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

**Skin Contact:** If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

**Eye Contact:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

## Section 5: Fire-Fighting Measures

**Extinguishing Media:** Fire can be extinguished using: Foam, carbon dioxide or dry powder.

**Special Fire Fighting Procedures:** Containers close to fire should be removed or cooled with water.

**Unusual Fire & Explosion Hazards:** No unusual fire or explosion hazards noted.

**Specific Hazards:** When heated and in case of fire, toxic vapours/gases may be formed.

**Protective Measures in Fire:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## Section 6: Accidental Release Measures

**Personal Precautions:** Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

**Environmental Precautions:** Do not discharge into drains, water courses or onto the ground.

**Spill Clean-up Methods:** Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## Section 7: Handling and Storage

**Usage Precautions:** Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

**Storage Precautions:** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

**Storage Class:** Unspecified storage.

## Section 8: Exposure Controls/Personal Protection

**Protective Equipment:**



**Engineering Measures:** Provide adequate ventilation.

**Respiratory Equipment:** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**Hand Protection:** Protective gloves should be used if there is a risk of direct contact or splash.

**Eye Protection:** If risk of splashing, wear safety goggles or face shield.

**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.

**Skin Protection:** Wear apron or protective clothing in case of splashes.

## Section 9: Physical and Chemical Properties

**Appearance:** Clear Mobile Liquid

**Odor:** Characteristic

**Color:** Colourless to pale yellow

**Relative Density:** 0.905 – 0.925 @ 20°C

**Flashpoint (°C):** 47

**Refractive Index:** 1.457 – 1.470 @ 20°C

## Section 10: Stability and Reactivity

**Stability:** Stable under normal temperature conditions.

**Conditions To Avoid:** Avoid heat, flames and other sources of ignition.

**Hazardous Polymerisation:** Will not polymerise.

**Materials To Avoid:** Strong oxidizing substances. Strong acids. Strong alkalis.

**Hazardous Decomposition Products:** In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## Section 11: Toxicological Information

**Toxicological Information:** See section-2

**General Information:** No specific health warnings noted.

**Inhalation:** In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

**Ingestion:** No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

**Skin Contact:** No specific health warnings noted.

**Eye Contact:** Spray and vapour in the eyes may cause irritation and smarting.

**Health Warnings:** No specific health warnings noted.

**Medical Symptoms:** No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

**Medical Considerations:** Persons with rash are directed to skin expert for examination of allergic eczema.

## Section 12: Ecological Information

**Ecotoxicity:** Refer to section-2

## Section 13: Disposal Conditions

**General Information:** Waste is suitable for incineration.

**Disposal Methods:** Dispose of waste and residues in accordance with local authority requirements.

## Section 14: Transport Information



**Proper Shipping Name:** extracts, aromatic, liquid

**Un no. Road:** 1169

**ADR Class No.:** 3

**ADR Class:** class 3: flammable liquids.

**ADR Pack Group:** iii

**Tunnel Restriction Code:** (d/e)

**Hazard No. (ADR):** 30

**ADR Label No.:** 3

**Hazchem Code:** •3ye

**Un no. Sea:** 1169

**IMDG Class:** 3

**IMDG Pack Gr.:** iii

**EMS:** F-E, S-D

**Un no. Air:** 1169

**Air Class:** 3

**Air Pack Gr.:** iii

## Section 15: Regulatory Information

### EU Directives

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.

**Statutory Instruments:** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

**Approved Code Of Practice:** Classification and Labelling of Substances and Preparations Dangerous for Supply.

**Guidance Notes:** Workplace Exposure Limits EH40.

## Section 16: Other Information

### General Information

**Shelf life:** 36 months when stored within advised conditions.

**Issued By:** Regulatory Manager

**Revision Date:** 05.09.2011

**REV. NO./REPL. SDS Generated:** 0

### Risk Phrases In Full

**R10** Flammable.

**R65** Harmful: may cause lung damage if swallowed.

**R38** Irritating to skin.

**R43** May cause sensitization by skin contact.

**R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**R50/53** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard 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.

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.