

# SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** Fresh Eucalyptus

**Version:** 1

## **Section 1. Identification of the substance or the mixture and of the supplier**

### **1.1 Product Identifier**

**Product identifier:** Fresh Eucalyptus

**Other identifiers:**

### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Product uses:** Fragrances

### **1.3 Details of the supplier of the safety data sheet**

**Company name:** ARTISANAT BUB INC

**Company address:** 10141 Ave De London,  
Montreal-Nord, H1H4H4 (Qc),  
CANADA

**Contact:** info@pinovillage.com

**E-Mail address:** 4504996882

**Company phone:**

### **1.4 Emergency telephonenumber**

**Emergency phone:** 450-499-6881

## **Section 2. Hazards identification**

### **2.1 Classification of the substance or mixture**

**Class and category of danger:** Flammable Liquid, Hazard Category 4  
Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Hazardous to the Aquatic Environment - Acute Hazard Category 2  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
H227, Combustible liquid.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H411, Toxic to aquatic life with long lasting effects.

### **2.2 Label elements**

**Signal word:** Warning

**Hazard statements:** H227, Combustible liquid.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.

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## Precautionary statements:

H411, Toxic to aquatic life with long lasting effects.

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking. 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. P280, Wear protective gloves/eye protection/face protection. P302/352, IF ON SKIN: Wash with plenty of soap and water. P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P337/313, If eye irritation persists: 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.

P391, Collect spillage.

P403/235, Store in a well-ventilated place. Keep cool.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

## Pictograms:



## 2.3 Other hazards

**Other hazards:** Hydrocarbon Concentration %: 3.6569%

## Section 3. Composition / information on ingredients

### 3.2 Mixtures

#### Contains:

Name	CAS	%	GHS Classification
Eucalyptol	470-82-6	10-<20%	Flam. Liq. 3-Acute Tox. 5-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 3;H226-H303-H317-H320-H402
alpha-Amylcinnamaldehyde	122-40-7	5-<10%	Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H303-H316-H317-H411
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	1-<5%	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316-H410
dl-Citronellol	106-22-9	1-<5%	Acute Tox. 5-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401
Benzyl acetate	140-11-4	1-<5%	Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 3;H303-H401-H412

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Coumarin	91-64-5	1-<5%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402
l-Limonene	5989-54-8	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315-H317-H400-H412
d-Limonene	5989-27-5	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315-H317-H400-H412
Linalool	78-70-6	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H227-H303-H315-H317-H319-H402
Camphor	76-22-2	1-<5%	Flam. Sol. 2-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Dam. 1-STOT SE 2-Aquatic Acute 2-Aquatic Chronic 2; H228-H302-H315-H318-H332-H371-H411
Cinnamyl alcohol	104-54-1	1-<5%	Acute Tox. 4-Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 2;H302-H316-H317-H401
p-Mentha-1,4-diene	99-85-4	0.1-<1%	Flam. Liq. 3-Acute Tox. 5-Repr. 2-Asp. Tox 1-Aquatic Acute 2-Aquatic Chronic 2;H226-H303-H304-H361-H411
alpha-Pinene	80-56-8	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H302-H304-H315-H317-H410
Dihydromyrcenol	18479-58-8	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-STOT SE 3-Aquatic Acute 3;H227-H303-H315-H319-H336-H402
Citral	5392-40-5	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1-Aquatic Acute 2; H315-H317-H319-H401
p-Cymene	99-87-6	0.1-<1%	Flam. Liq. 3-Acute Tox. 5-Acute Tox. 3-Repr. 2-Asp. Tox 1-Aquatic Acute 2-Aquatic Chronic 2;H226-H303-H304-H331-H361-H411
beta-Pinene	127-91-3	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410
Piperonal	120-57-0	0.1-<1%	Acute Tox. 5-Skin Sens. 1B-Repr. 2-Aquatic Acute 2; H303-H317-H361-H401
Eugenol	97-53-0	0.1-<1%	Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H316-H317-H319-H401
Thymol	89-83-8	0.1-<1%	Acute Tox. 4-Skin Corr. 1B-Eye Dam. 1-Aquatic Acute 2;H302-H314-H401
Citronellal	106-23-0	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H227-H303-H313-H315-H317-H319-H401
Myrcene	123-35-3	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2;H226-H304-H315-H319-H400-H411
alpha-Terpineol	98-55-5	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2;H227-H303-H315-H319-H401
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317
2,6-Dimethyl-2-heptanol	13254-34-7	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3; H227-H315-H319-H402
alpha-Phellandrene	99-83-2	0.1-<1%	Flam. Liq. 3-Skin Sens. 1-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H317-H410

**Substances with workplace exposure limits, not listed above:**

Not Applicable

## Section 4. First-aid measures

### 4.1 Description of first aid measures

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**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion:** Rinse mouth with water and obtain medical attention.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

### 5.2 Special hazards arising from the substance or mixture

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

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 6. 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:

Keep away from drains, surface and ground water, and soil.

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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## 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

## 7.3 Specific end use(s):

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

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

**Workplace exposure limits:** Not Applicable

### 8.2 Exposure Controls

#### Eye / SkinProtection

Wear protective gloves/eye protection/face protection

#### RespiratoryProtection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Free flowing liquid without sediment
<b>Odour:</b>	Characteristic Not determined Not determined
<b>Odour threshold:</b>	Not determined Not determined 76 °C Not
<b>pH:</b>	determined Not determined Product does not
<b>Melting point / freezing point:</b>	present an explosion hazard Not determined
<b>Initial boiling point / range:</b>	Not determined -0.0150 - 0.0150 Not
<b>Flash point:</b>	determined
<b>Evaporation rate:</b>	
<b>Flammability (solid, gas):</b>	
<b>Upper/lower flammability or explosive limits:</b>	
<b>Vapour pressure:</b>	
<b>Vapour density:</b>	
<b>Relative density:</b>	
<b>Solubility(ies):</b>	

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**Partition coefficient:n-octanol/water:** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

**Explosive properties:** Not expected

**Oxidising properties:** Not expected

## 9.2 Other information:

Flash Point (Fahrenheit): 168 °F

Refractive Index @ 20C: -0.0050 - 0.0050

Color Range: 2 Very Pale Yellow - Colorless

## Section 10. Stability and reactivity

### 10.1 Reactivity:

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

### 10.2 Chemical stability:

Good stability under normal storage conditions.

### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

### 10.4 Conditionstoavoid:

Avoid extreme heat.

### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

### 10.6Hazardous decomposition products:

Not expected.

## Section 11. Toxicological information

### 11.1 Informationontoxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

**Acute Toxicity:** Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000

Acute Toxicity Dermal >5000

Acute Toxicity Inhalation Not Available

**Skin corrosion/irritation:** Skin Corrosion / Irritation Category 2

**Serious eye damage/irritation:** Eye Damage / Irritation Category 2

**Respiratory or skin sensitisation:** Sensitization - Skin Category 1

**Germ cell mutagenicity:** Based on available data the classification criteria are not met.

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**Carcinogenicity:** Based on available data the classification criteria are not met.

**Reproductive toxicity:** Based on available data the classification criteria are not met.

**STOT-single exposure:** Based on available data the classification criteria are not met.

**STOT-repeated exposure:** Based on available data the classification criteria are not met.

**Aspiration hazard:** Based on available data the classification criteria are not met.

## Information about hazardous ingredients in the mixture

Ingredient	CAS	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Benzyl acetate	140-11-4	2490	Not available	Not available	Not available
Camphor	76-22-2	1500	Not available	1.5 Not	Dust/mist mg/l
Cinnamyl alcohol	104-54-1	2000	Not available	available Not	Not available
Coumarin	91-64-5	500	Not available	available Not	Not available
Eucalyptol	470-82-6	2480	Not available	available Not	Not available
Linalool	78-70-6	2790	Not available	available	Not available
alpha-Amylcinnamaldehyde	122-40-7 106-22-9	3730 3450	Not available	Not available	Not available
dl-Citronellol	99-87-6	4750	2650 Not	Not available	Not available
p-Cymene			available	9.7	Vapour mg/l

Refer to Sections 2 and 3 for additional information.

## Section 12. Ecological information

### 12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

**12.5 Other adverse effects:** Not available

## Section 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.

## Section 14. Transport information

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	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, alpha-Pinene)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, alpha-Pinene) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, alpha-Pinene)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, alpha-Pinene)	9	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:  
Not applicable

Section 15. Regulatory information



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Essential Oil Components:

Name	CAS	%
Eucalyptus globulus oil	84625-32-1, 8000-48-4, 92502-70-0, 84625-32-1, 97926-40-4, 91771-68-5	20-<50%
Lemon oil, expressed	84929-31-7, 8008-56-8	1-<5%
Patchouli oil	84238-39-1, 8014-09-3	0.1-<1%

Components listed on California's Proposition 65:

Name	CAS	%
Myrcene	123-35-3	0.1-<1%

Naturally-Occuring Materials exempt from Prop65:

Name	CAS	%
Myrcene	123-35-3	

Components listed on California's SB312

Name	CAS	%
alpha-Amylcinnamaldehyde	122-40-7	5-<10%
Coumarin	91-64-5	1-<5%
Linalool	78-70-6	1-<5%
Cinnamyl alcohol	104-54-1	1-<5%
Citral	5392-40-5	0.1-<1%
Eugenol	97-53-0	0.1-<1%

## Section 16. Other information

**Concentration % Limits:** SCI 2=79.78% SCI 3=5.96% EDI 2A=25.13% EDI 2B=53.40% SS 1=5.34% EH A2=21.99% EH A3=2.16% EH C2=36.78% EH C3=3.64%

**Total Fractional Values:** SCI 2=1.25 SCI 3=16.77 EDI 2A=3.98 EDI 2B=1.87 SS 1=18.73 EH A2=4.55 EH A3=46.37 EH C2=2.72 EH C3=27.44

**Key to revisions:**

Not applicable

**Key to abbreviations:**

Abbreviation	Meaning
Acute Tox. 3 Acute Tox. 4	Acute Toxicity - Inhalation Category 3 Acute Toxicity - Oral
Acute Tox. 4 Acute Tox. 5	Category 4 Acute Toxicity - Inhalation Category 4 Acute Toxicity -
Acute Tox. 5 Aquatic Acute 1	Oral Category 5 Acute Toxicity - Dermal Category 5 Hazardous to
Aquatic Acute 2 Aquatic	the Aquatic Environment - Acute Hazard Category 1 Hazardous to
Acute 3	the Aquatic Environment - Acute Hazard Category 2 Hazardous to
	the Aquatic Environment - Acute Hazard Category 3

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Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
Flam. Sol. 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child (exposure route).
H371	May cause damage to organs (organs, exposure route).
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P202	Do not handle until all safety precautions have been read and understood.
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.

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[illegible]

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The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.