



Safety Data Sheet

Bamboo Fragrance Oil

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Bamboo Fragrance Oil

1.2 Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
 980 Adelaide St. S,
 London, On. N6E-1R3
 519-685-3111
 www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 (813) 248-0585 International

2. Hazards Identification

2.1 Classification of the Substance or Mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification According to GHS

Flammable Liquids:	Category 4
Acute Oral Toxicity:	Category 5
Aspiration Hazard:	Category 1
Acute Dermal Toxicity:	Category 5
Skin Corrosion/Irritation:	Category 2
Skin Sensitization:	Category 1A
Eye Damage/Eye Irritation:	Category 2A
Acute Inhalation Toxicity:	Category 5

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Acute Aquatic Toxicity: Category 1
Chronic Aquatic Toxicity: Category 2

Classification OSHA (Provisions 1910.1200 of Title 29)

Flammable Liquids: Category 4
Aspiration Hazard: Category 1
Skin Corrosion/Irritation: Category 2
Skin Sensitization: Category 1A
Eye Damage/Eye Irritation: Category 2A
Reproductive Toxicity: Category 2

Classification Other

Carcinogenicity: This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:
 None [] ACGIH [] IARC [X] NTP [] OSHA [].

2.2 Label Elements

Labelling (GHS)

Hazard Pictograms



Signal Word: Danger.

Hazard Statements

H227 Combustible liquid.
H303 May be harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic reaction.
H319 Causes serious eye irritation.
H333 May be harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.



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H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long-lasting effects.

Precautionary Statements

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read understood.
P235 Keep cool.
P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P281 Use personal protective equipment as required.

Response:

P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P312 IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use carbon dioxide, dry chemical, or foam to extinguish.
P391 Collect spillage.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients



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3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS):

Ingredient	CAS#	EC#	Conc. Range	GHS Classification
Benzyl Salicylate	118-58-1	204-262-9	10 – 20%	H303; H317; H320; H401; H412
Hexyl salicylate	6259-76-3	228-408-6	10 – 20%	H316; H317; H400; H410
Benzyl Benzoate	120-51-4	204-402-9	10 – 20%	H302; H313; H400; H411
Limonene	5989-27-5	227-813-5	5 – 10%	H226; H304; H315; H317; H400; H412
Linalool	78-70-6	201-134-4	5 – 10%	H227; H303; H315; H317; H319; H402
Hexyl cinnamal	101-86-0	202-983-3	2 – 5%	H303; H316; H317; H400; H411
Methylbenzyl acetate	93-92-5	202-288-5	2 – 5%	H227; H402
Benzyl acetate	140-11-4	205-399-7	2 – 5%	H303; H401; H412
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9	2 – 5%	H303; H317; H401
Dimethyltetrahydro Benzaldehyde	68737-61-1	272-113-5	1 – 2%	H227; H303; H313; H315; H317; H401; H411
Citronellol	106-22-9	203-375-0	1 – 2%	H303; H313; H315; H317; H319; H401
Pinene	80-56-8	201-291-9	1 – 2%	H226; H302; H304; H315; H317; H400; H410
Hydroxycitronellal	107-75-5	203-518-7	1 – 2%	H317; H319; H402



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Coumarin	91-64-5	202-086-7	0.1 – 1.0%	H301; H317; H402
gamma-Terpinene	99-85-4	202-794-6	0.1 – 1.0%	H226; H303; H304; H316; H361
Cinnamal	104-55-2	203-213-9	0.1 – 1.0%	H303; H312; H315; H317; H319; H401; H412
IsoCycloCitral	1335-66-6	215-638-7	0.1 – 1.0%	H227; H303; H317; H319; H401; H412
beta-Caryophyllene	87-44-5	201-746-1	0.1 – 1.0%	H304; H317
Eugenol	97-53-0	202-589-1	0.1 – 1.0%	H303; H316; H317; H319; H401
Anethole	4180-23-8	224-052-0	0.1 – 1.0%	H303; H316; H317; H401
1-Methyl-4-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde	52475-86-2	257-942-2	0.1 – 1.0%	H315; H317; H318; H400; H410

*See section 16 for full text of GHS classification codes which were not shown in Section 2.

Total Hydrocarbon Content (%w/w) = 11.16

4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Eye Exposure:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if symptoms persist.
Ingestion:	Rinse mouth with water and obtain medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms: No data available.



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Risks: Refer to Section 2.2 "Hazard Statements".

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment: Refer to Section 2.2 "Response".

5. Firefighting Measures

5.1 Extinguishing Media

Suitable: Carbon dioxide (CO₂), Dry Chemical, Foam

Unsuitable: Do not use a direct water jet on burning material.

5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting: Water may be ineffective.

5.3 Advice for Firefighters

Further Information: Standard procedure for chemical fires.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental Precautions

Keep away from drains, soil, and surface/groundwater.

6.3 Methods and Materials for Containment and Cleaning Up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to Other Sections

Not applicable.



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7. Handling and Storage

7.1 Precautions for Safe Handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat, or smoke while handling. Respect good personal hygiene.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a cool, dry, and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

7.3 Specific End Uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits:

Component		ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
140-11-4	Benzyl acetate	10			
80-56-8	Pinene	20			

Engineering Controls: Use local exhaust as needed.

8.2 Exposure Controls – Personal Protective Equipment

Eye Protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc., as may be appropriate for the exposure.

Respiratory Protection: Avoid excessive inhalation of concentrated vapours. Apply local ventilation where appropriate.

Skin Protection: Avoid skin contact. Use chemically resistant gloves as needed.



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9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Liquid.
Odour:	Conforms to standard.
Colour:	Colourless – Pale Yellow (G3).
Viscosity:	Liquid.
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Flashpoint (CCCFP):	172°F (77.78°C)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20°C):	0.1445
%VOC:	17.18
Specific Gravity @ 25°C:	0.9880
Density @ 25°C:	0.9850
Refractive Index @ 20°C:	1.4970
Soluble In:	Oil.

10. Stability and Reactivity

10.1 Reactivity:	None.
10.2 Chemical Stability:	Stable.
10.3 Possibility of Hazardous Reactions:	None known.
10.4 Conditions to Avoid:	None known.
10.5 Incompatible Materials:	Strong oxidizing agents, strong acids, and alkalis.
10.6 Hazardous Decomposition Products:	None known.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the “Additivity Formula”.

Acute Toxicity – Oral – (Rat) mg/kg: (LD50: 2970.7559) May be harmful if swallowed.



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Acute Toxicity – Dermal – (Rabbit) mg/kg:	(LD50: 4657.3177) May be harmful in contact with skin.
Acute Toxicity – Inhalation – (Rat) mg/L/4hr:	(LC50: 51.8842) May be harmful if inhaled.
Skin Corrosion/Irritation:	Causes skin irritation.
Serious Eye Damage/Irritation:	Causes serious eye irritation.
Respiratory Sensitization:	Not classified – the classification criteria are not met.
Skin Sensitization:	May cause an allergic skin reaction.
Germ Cell Mutagenicity:	Not classified – the classification criteria are not met.
Carcinogenicity:	Not classified – the classification criteria are not met.
Reproductive Toxicity:	Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity – Single Exposure:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Repeated Exposure:	Not classified – the classification criteria are not met.
Aspiration Hazard:	May be fatal if swallowed and enters airways.

12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:	Very toxic to aquatic life.
Chronic Aquatic Toxicity:	Toxic to aquatic life with long lasting effects.
Toxicity Data on Soil:	No data available.
Toxicity on Other Organisms:	No data available.

12.2 Persistence and Degradability:	No data available.
12.3 Bioaccumulative Potential:	No data available.
12.4 Mobility in Soil:	No data available.
12.5 Other Adverse Effects:	No data available.

13. Disposal Conditions

13.1 Waste Treatment Methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local, federal or provincial, and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways, or ditches with product or used container.



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14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	Not regulated – Not dangerous goods.			
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid n.o.s.	9	III		UN3082
IATA (Air Cargo) Environmentally Hazardous Substance, Liquid n.o.s.	9	III		UN3082
IMDG (Sea) Environmentally Hazardous Substance, Liquid n.o.s.	9	III		UN3082

Marine Pollutant: Yes. Ingredient of the greatest environmental impact:
6259-76-3 (10 – 20%) : Hexyl salicylate

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt.

40 CER (EPCRA, SARA, CERCLA and CAA): This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning: This product contains the following components:

123-35-3	204-622-5	0.1 – 1.0%	beta-Myrcene (Natural Source)
94-59-7	202-345-4	<= 5 ppm	Safrole (Natural Source)
93-15-2	202-223-0	<= 2 ppm	Methyl Eugenol (Natural Source)

Canadian Regulations:

DSL/NDSL: 100% of the components are listed or exempt.



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16. Other Information

GHS H – Statements Referred to Under Section 3 and Not Listed in Section 2

H226: Flammable liquid and vapour.	H301: Toxic if swallowed.
H302: Harmful if swallowed.	H312: Harmful in contact with skin.
H316: Causes mild skin irritation.	H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.	H320: Causes eye irritation.
H401: Toxic to aquatic life.	H402: Harmful to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.	H412: Harmful to aquatic life with long lasting effects.

Total Fractional Values

(TFV) Risk	(TFV) Risk
(130.00) Sensitization, Skin, Category 1	(130.00) Sensitization, Skin, Category 1A
(96.37) Acute Toxicity Inhalation, Category 5	(65.75) Aquatic Chronic Toxicity, Category 3
(14.40) Sensitization, Skin, Category 1B	(6.46) Aquatic Chronic Toxicity, Category 2
(5.95) Reproductive Toxicity, Category 2	(3.89) Skin Corrosion/Irritation, Category 3
(2.40) Aquatic Chronic Toxicity, Category 4	(2.04) Skin Corrosion/Irritation, Category 2
(1.68) Acute Toxicity Oral, Category 5	(1.54) Aquatic Acute Toxicity, Category 1
(1.48) Eye Damage/Eye Irritation, Category 2B	(1.19) Eye Damage/Eye Irritation, Category 2A
(1.12) Aspiration Hazard, Category 1	(1.07) Acute Toxicity Dermal, Category 5

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Remarks:

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