



Safety Data Sheet

Island Orchard Fragrance Oil

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

1.1 Product Identifier

Product Name: Island Orchard 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 and (EC) No 1272/2008 CLP

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



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Chronic Aquatic Toxicity:

Category 2

OSHA Classification (Provisions 1910.1200 of title 29)

Flammability:	Class III-A Combustible Liquid
Acute Dermal/Eye:	12: Causes moderate. 15: May cause.
Acute Inhalation:	25: Inhalation at high levels may cause: tremors, laboured breathing, hypothermia, lethargy, ataxia.
Acute Oral:	2: Harmful if swallowed.
Reproductive/Developmental:	39: Causes reproductive/developmental.
Sensitization/Allergic Response:	31: May cause allergic skin reaction.
Target Organ Effects:	26: Prolonged or repeated ingestion may cause damage to: kidneys, liver, stomach, brain, tongue, mucous membranes, musculo-skeletal system. 28: Prolonged or repeated dermal exposure may cause damage to: kidneys, skin.
Carcinogenicity:	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA [].

2.2 Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard Pictograms



Signal Word: Warning.

Hazard Statements

H227	Combustible liquid.
H303	May be harmful if swallowed.
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.



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H411

Toxic to aquatic life with long-lasting effects.

Precautionary Statements**Prevention:**

- 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.

Response:

- 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.
- 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

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):



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Ingredient	CAS#	EC#	Conc. Range	GHS Classification	OSHA Classification
gamma-Undecalactone	104-67-6	203-225-4	10 – 20%	H316; H401; H402; H412	11
Geranyl acetate	105-87-3	203-341-5	10 – 20%	H315; H317; H401; H402	11, 15
2-t-Butylcyclohexyl acetate	88-41-5	201-828-7	5 – 10%	H227; H303; H316; H401; H411	12, 2
Benzyl Benzoate	120-51-4	204-402-9	5 – 10%	H302; H313; H400; H411	28, 3
Hexyl salicylate	6259-76-3	228-408-6	5 – 10%	H315; H317; H319; H400; H410	11, 15
Amyl Cinnamal	122-40-7	204-541-5	5 – 10%	H303; H316; H317; H401; H411	11, 15
2-Phenoxyethyl isobutyrate	103-60-6	203-127-1	2 – 5%	H316	11
Hexamethylindanopyran	1222-05-5	214-946-9	2 – 5%	H316; H400; H410	11, 15
alpha-Ionone	127-41-3	204-841-6	2 – 5%	H316	11, 15
Linalool	78-70-6	201-134-4	2 – 5%	H227; H303; H315; H319; H402	12, 26
Hexyl acetate	142-92-7	205-572-7	2 – 5%	H226; H316; H401; H411	
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9	2 – 5%	H303; H317; H401	11, 15
Allyl heptanoate	142-19-8	205-527-1	2 – 5%	H227; H301; H311; H316; H331; H400; H412	11, 15, 3
a ,a-Dimethylphenethyl butyrate	10094-34-5	233-221-8	2 – 5%	H316; H401; H411	11, 15
Benzyl acetate	140-11-4	205-399-7	2 – 5%	H303; H316; H401; H412	15, 25, 26, 31, 39
Ethyl 2-methyl-1,3-dioxolane-2-acetate (Fructose)	6413-10-1	229-114-0	2 – 5%	H227; H316	



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Dimethyltetrahydro Benzaldehyde	68737-61-1	272-113-5	2 – 5%	H227; H303; H313; H315; H317; H401; H411	12, 15, 31
gamma-Decalactone	706-14-9	211-892-8	1 – 2%	H316	
Methylbenzyl acetate	93-92-5	202-288-5	1 – 2%	H227; H402	
Ethyl Maltol	4940-11-8	225-582-5	1 – 2%	H302; H401	2
cis-3-Hexen-1-yl acetate	3681-71-8	222-960-1	1 – 2%	H226; H316	
2,6-dimethyloct-7-en-2-ol	18479-58-8	242-362-4	1 – 2%	H227; H303; H316; H319; H402	11, 15
Vanillin	121-33-5	204-465-2	1 – 2%	H303	31

*See section 16 for full text of GHS classification codes.

Total Hydrocarbon Content (%w/w) = 0.80

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. Get medical attention if irritation occurs.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with soap and water. Get medical attention if irritation occurs.
Ingestion:	Rinse mouth and obtain medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms:	No data available.
Risks:	Refer to Section 2.2 "Hazard Statements".



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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 and 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



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Not applicable.

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 plastic and 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			

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:	Conforms to standard.
Odour:	Conforms to standard.
Colour:	Nearly colourless (G0).
Viscosity:	Liquid.
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Flashpoint (CCCFP):	>180°F (82.22°C)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20):	0.2533
%VOC:	15.9
Specific Gravity @ 25 C:	0.9580
Density @ 25 C:	0.9550
Refractive Index @ 20 C:	1.4730
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: 2,636.60) May be harmful if swallowed.
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Acute Toxicity – Dermal – (Rabbit) mg/kg:	(LD50: 3,147.60) May be harmful in contact with skin.
Acute Toxicity – Inhalation – (Rat) mg/L/4hr:	(LC50: 25.83) 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:	Not classified – the classification criteria are not met.
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:	Not classified – the classification criteria are not met.

12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:	Not classified – the classification criteria are not met.
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



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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 chemical or used container.

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

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:
94-59-7 202-345-4 <= 4 ppm	Safrole (NFS)
93-15-2 202-223-0 <= 2 ppm	Methyl Eugenol (NFS)
123-35-3 204-622-5 0.01 – 0.1%	beta-Myrcene (NFS)

Canadian Regulations:



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DSL/NDSL

100% of the components are listed or exempt.

16. Other Information

GHS H – Statements Referred to Under Section 3

Total Fractional Values

(TFV) Risk

(2.37) Skin Corrosion/Irritation, Category 2

(1.88) Eye Damage/Eye Irritation, Category 2A

(TFV) Risk

(5.00) Sensitization, Skin, Category 1B

(5.29) Aquatic Chronic Toxicity, Category 2

Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the goods and does not include any consequential loss. Candora Soap Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Candora Soap Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.