



Safety Data Sheet

Bird of Paradise Fragrance Oil

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

1.1 Product Identifier

Product Name: Bird of Paradise 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 (EC) No 1272/2008 CLP

Flammable Liquids:	Category 3
Acute Oral Toxicity:	Category 5
Acute Dermal Toxicity:	Category 5
Skin Corrosion/Irritation:	Category 3
Skin Sensitization:	Category 1A
Acute Inhalation Toxicity:	Category 5
Acute Aquatic Toxicity:	Category 1
Chronic Aquatic Toxicity:	Category 2



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OSHA Classification (Provisions 1910.1200 of title 29)

Flammability:	Class II Flammable Liquid
Acute Dermal/Eye:	12: Causes moderate 16: Causes
Acute Inhalation:	24: Causes respiratory tract irritation. 25: Inhalation at high levels may cause: difficulty in breathing, drowsiness.
Acute Oral:	2: Harmful if swallowed.
Sensitization:	31: May cause allergic skin reaction.
Target Organ Effects:	27: Prolonged or repeated inhalation may cause damage to: liver, spleen, blood, heart, lungs, nervous 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

H226	Flammable liquid and vapour.
H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H316	Causes mild skin irritation.
H317	May cause an allergic reaction.
H333	May be harmful if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long-lasting effects.

Precautionary Statements

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Prevention:

P233	Keep container tightly closed.
P235	Keep cool.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/light/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
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.
P303+P361+P353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P312	IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P352	Wash with plenty of soap and water.
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):

Ingredient	CAS#	EC#	Conc. Range	GHS Classification	OSHA Classification
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Benzyl Benzoate	120-51-4	204-402-9	30 - 40 %	H302; H313; H400; H411	28, 3
Ethyl methylphenylglycidate	77-83-8	201-061-8	10 - 20 %	H317; H401; H411	11, 15
Ethyl butyrate	105-54-4	203-306-4	5 - 10 %	H226; H316; H401	11
Ethyl maltol	4940-11-8	225-582-5	5 - 10 %	H302	2
2-t-Butylcyclohexyl acetate	88-41-5	201-828-7	5 - 10 %	H227; H303; H316; H401; H411	12, 2
Vanillin	121-33-5	204-465-2	5 - 10 %	H303; H319	31
l-Cyclocitronellene formate	25225-08-5	246-735-2	2 - 5 %	H227; H316; H401; H411	11
a ,a-Dimethylphenethyl butyrate	10094-34-5	233-221-8	2 - 5 %	H316; H401; H411	11, 15
Hexamethylindanopyran	1222-05-5	214-946-9	2 - 5 %	H316; H400; H410	11, 15
gamma-Decalactone	706-14-9	211-892-8	2 - 5 %	H316	
Ethyl acetate	141-78-6	205-500-4	2 - 5 %	H225; H319; H336	16, 24, 25, 27
gamma-Undecalactone	104-67-6	203-225-4	2 - 5 %	H316; H401; H402; H412	11
Butylated hydroxytoluene	128-37-0	204-881-4	1 - 2 %	H316; H400; H410	
Methyl 2-nonenoate	111-79-5	203-908-7	1 - 2 %	H227; H316	
Methyl-2-Octynoate	111-12-6	203-836-6	0.1 - 1.0 %	H227; H302; H316; H317	11, 15, 2, 31

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

Total Hydrocarbon Content (%w/w) = 0.90

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.



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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".

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment:	Refer to Section 2.2 "Response".
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5. Firefighting Measures

5.1 Extinguishing Media

Suitable:	Carbon dioxide (CO ₂), 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.
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5.3 Advice for Firefighters

Further Information:	Standard procedure for chemical fires.
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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.



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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.

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
141-78-6 Ethyl acetate	400		400	
128-37-0 Butylated hydroxytoluene	2			

Engineering Controls: Use local exhaust as needed.

8.2 Exposure Controls – Personal Protective Equipment



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- 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.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Conforms to standard.
Odour:	Conforms to standard.
Colour:	Colourless to Nearly Colourless G0
Viscosity:	Liquid.
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Flashpoint (CCCFP):	104°F (40.00°C)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20):	5.7355
%VOC:	17.7
Specific Gravity @ 25°C:	1.0390
Density @ 25°C:	1.0360
Refractive Index @ 20°C:	1.5040
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.



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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	May be harmful if swallowed.
Acute Toxicity – Dermal – (Rabbit) mg/kg	May be harmful in contact with skin.
Acute Toxicity – Inhalation – (Rat) mg/L/4hr	May be harmful if inhaled.
Skin Corrosion/Irritation	Causes mild skin irritation.
Serious Eye Damage/Irritation	Not classified – the classification criteria are not met.
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:	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.



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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 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) Perfumery Products	3	III	Flammable Liquid	UN1266
Environmentally Hazardous Substance, Liquid n.o.s.	9	9		UN3082
IMDG (Sea) Perfumery Products	3	III	Flammable Liquid	UN1266
Environmentally Hazardous Substance, Liquid n.o.s.	9	9		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 the following components:		
141-78-6	205-500-4	2 - 5 %	Ethyl acetate



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U.S. State Regulations:

California Proposition 65 Warning This product contains the following components:
 123-35-3 204-622-5 0.01 – 0.1% beta-Myrcene (NFS)

Canadian Regulations:

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

16. Other Information

GHS H – Statements Referred to Under Section 3

Total Fractional Values

(TFV) Risk	(TFV) Risk
(3.66) Skin Corrosion/Irritation, Category 3	(3.00) Sensitization, Skin, Category 1A
(1.52) Aquatic Acute Toxicity, Category 1	(4.86) Aquatic Chronic Toxicity, Category 2

Revision: 29/04/2021

Remarks:

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