Safety Data Sheet
Dragon's Blood Fragrance Oil

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

1.1 Product Identifier

Product Name: Dragon's Blood 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

Acute Oral Toxicity:	Category 4
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
Acute Aquatic Toxicity:	Category 1
Chronic Aquatic Toxicity:	Category 2

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OSHA Classification (Provisions 1910.1200 of title 29)

Flammability:	Class III-B Combustible Liquid
Acute Dermal/Eye:	12: Causes moderate. 15: May cause. 9: Harmful if absorbed through the skin.
Acute Inhalation:	23: May cause respiratory tract irritation. 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, spleen, blood, stomach, brain, bile duct, 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

H302	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.
H400	Very toxic to aquatic life.

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H411	Toxic to aquatic life with long-lasting effects.

Precautionary Statements

Prevention:

P264	Wash hands thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

Response:

P301+P312+P330	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth.
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.
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.
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	50 – 60%	H302; H313; H400; H411	28, 3
Phenethyl alcohol	60-12-8	200-456-2	5 – 10%	H302; H313; H316; H319	11, 15, 3
Citrus aurantium var. dulcis	68647-72-3	232-433-8	5 – 10%	H226; H304; H315; H317; H400; H410	12, 3, 31
Coumarin	91-64-5	202-086-7	2 – 5%	H302; H317; H402	12, 15, 2, 26, 31, 9
Ethyl Vanillin	121-32-4	204-464-7	2 – 5%	H303; H320; H402	
Vanillin	121-33-5	204-465-2	2 – 5%	H303	31
alpha-Terpineol	98-55-5	202-680-6	2 – 5%	H227; H303; H315; H319; H401	11, 15, 23
Benzyl acetate	140-11-4	205-399-7	2 – 5%	H303; H316; H401; H412	15, 25, 26, 31, 39
Pogostemon cablin oil	8014-09-3	282-493-4	2 – 5%	H304; H316; H401; H411	
3,5,5-Trimethylhexyl acetate	58430-94-7	261-245-9	1 – 2%	H227; H303; H315; H401; H411	11, 15

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

Total Hydrocarbon Content (%w/w) = 8.10

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.

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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".

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

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:	Pale yellow to golden yellow (G2-4).
Viscosity:	Liquid.
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Flashpoint (CCCFP):	>200°F (93.33°C)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20):	0.0926
%VOC:	11.7025
Specific Gravity @ 25 C:	1.0690
Density @ 25 C:	1.0660
Refractive Index @ 20 C:	1.5480
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: 1,708.61) Harmful if swallowed.

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Acute Toxicity – Dermal – (Rabbit) mg/kg:	(LD50: 2,007.70) May be harmful in contact with skin.
Acute Toxicity – Inhalation – (Rat) mg/L/4hr:	(LC50: 147.39) 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:	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

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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)	Not regulated – Not dangerous goods.			
Chemicals NOI				
ADR/RID (International Road/Rail)	Not regulated – Not dangerous goods.			
Environmentally Hazardous Substance, Liquid n.o.s.				
IATA (Air Cargo)	Not regulated – Not dangerous goods.			
Environmentally Hazardous Substance, Liquid n.o.s.				
IMDG (Sea)	Not regulated – Not dangerous goods.			
Environmentally Hazardous Substance, Liquid n.o.s.				

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	<= 10 ppm	Safrole (NFS)
93-15-2	202-223-0	<= 4 ppm	Methyl Eugenol (NFS)
123-35-3	204-622-5	0.01 – 0.1%	beta-Myrcene (NFS)

Canadian Regulations:

DSL/NDSL	99.90% of the components are listed or exempt.	
129757-67-1	0.1 – 1.0%	Decanedioic acid, 1,10-bis(2,2,6,6-tetramethyl-4-piperidinyl) ester, reaction pr

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16. Other Information

GHS H – Statements Referred to Under Section 3

Total Fractional Values

(TFV) Risk (1.41) Skin Corrosion/Irritation, Category 2 (2.09) Eye Damage/Eye Irritation, Category 2A (5.80) Aquatic Chronic Toxicity, Category 2	(TFV) Risk (4.50) Sensitization, Skin, Category 1B (2.67) Aquatic Acute Toxicity, Category 1

Remarks:

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