

Safety Data Sheet

Irish Spring Fragrance Oil

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

1.1 Product Identifier

Product Name: Irish Spring 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
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
Acute Aquatic Toxicity:	Category 1



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Chronic Aquatic Toxicity: Category 2

Classification OSHA (Provisions 1910.1200 of Title 29)

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

Classification Other

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 (GHS)

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.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.

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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:

- 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.
- P313** Get medical advice/attention.
- 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



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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 Benzoate	120-51-4	204-402-9	20 – 30%	H302; H313; H400; H411
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	259-174-3	5 – 10%	H315; H317; H401; H411
Linalool	78-70-6	201-134-4	5 – 10%	H227; H303; H315; H317; H319; H402
2,6-dimethyloct-7-en-2-ol	18479-58-8	242-362-4	5 – 10%	H227; H303; H315; H319; H402
Hydroxycitronellal	107-75-5	203-518-7	5 – 10%	H317; H319; H402
Limonene	5989-27-5	227-813-5	5 – 10%	H226; H304; H315; H317; H400; H412
Hexyl cinnamal	101-86-0	202-983-3	5 – 10%	H303; H316; H317; H400; H411
Hexamethylindanopyran	1222-05-5	214-946-9	2 – 5%	H316; H400; H410
Methyldihydrojasmonate	24851-98-7	246-495-9	2 – 5%	H402
2-t-Butylcyclohexyl acetate	88-41-5	201-828-7	1 – 2%	H227; H303; H316; H401; H411
Linalyl acetate	115-95-7	204-116-4	1 – 2%	H227; H315; H317; H320; H402
Terpineol	98-55-5	202-680-6	1 – 2%	H227; H303; H315; H319; H401
alpha-Ionone	127-41-3	204-841-6	1 – 2%	H227; H303; H316; H401; H412
Acetyl cedrene	32388-55-9	251-020-3	1 – 2%	H303; H317; H400; H410



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Dimethyltetrahydro Benzaldehyde	68737-61-1	272-113-5	0.1 – 1.0%	H227; H303; H313; H315; H317; H401; H411
Geraniol	106-24-1	203-377-1	0.1 – 1.0%	H303; H315; H317; H318; H402
Coumarin	91-64-5	202-086-7	0.1 – 1.0%	H301; H317; H402
Allyl cyclohexylpropionate	2705-87-5	220-292-5	0.1 – 1.0%	H302; H312; H317; H400; H411
6,7-Dihydro-1, 1, 2, 3, 3-pentamethyl-4(5H)-indanone (Cashmeran)	33704-61-9	251-649-3	0.1 – 1.0%	H303; H315; H317; H319; H401; H411
Pinene	80-56-8	201-291-9	0.1 – 1.0%	H226; H302; H304; H315; H317; H400; H410
Eugenol	97-53-0	202-589-1	0.1 – 1.0%	H303; H316; H317; H319; H401
Citral	5392-40-5	226-394-6	0.1 – 1.0%	H313; H315; H317; H319; H401
β-Pinene	127-91-3	204-872-5	0.1 – 1.0%	H226; H304; H315; H317; H400; H410
Nerol	106-25-2	203-378-7	0.1 – 1.0%	H303; H315; H317; H319; H401
Estragole (Methyl Chavicol)	140-67-0	205-427-8	0.1 – 1.0%	H227; H302; H315; H317; H341; H351; H401; H412
gamma-Terpinene	99-85-4	202-794-6	0.1 – 1.0%	H226; H303; H304; H316; H361
Ethyl 2,2-dimethylhydrocinnamal	67634-15-5	266-819-2	0.1 – 1.0%	H315; H317; H400; H411
2.a.,4a.a.,8.β.)-Hexahydro-1,1,5,5-tetramethyl-2H-2,4a-	29461-13-0	249-648-8	0.1 – 1.0%	H316; H317; H401; H411



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methanonaphthalene-8(5H)-one				
Eucalyptol	470-82-6	207-431-5	0.1 – 1.0%	H226; H303; H317; H320; H402
beta-Caryophyllene	87-44-5	201-746-1	0.1 – 1.0%	H304; H317
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9	0.1 – 1.0%	H303; H317; H401
1-Cyclopropylmethyl-4-methoxybenzene	16510-27-3		0.1 – 1.0%	H316; H317; H319; H401; H411
l-Carvone	6485-40-1	229-352-5	0.1 – 1.0%	H227; H303; H313; H317; H401

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

Total Hydrocarbon Content (%w/w) = 8.89

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.
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 (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.

7. Handling and Storage

7.1 Precautions for Safe Handling



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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
80-56-8	Pinene	20			
127-91-3	beta 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.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Liquid.
Odour: Conforms to standard.



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Colour:	Yellow – Greenish Yellow (G4 – G8)
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):	0.1158
%VOC:	10.20
Specific Gravity @ 25°C:	0.9555
Density @ 25°C:	0.9525
Refractive Index @ 20°C:	1.4985
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: 2650.1466) May be harmful if swallowed.
Acute Toxicity – Dermal – (Rabbit) mg/kg:	(LD50: 3912.1811) May be harmful in contact with skin.
Acute Toxicity – Inhalation – (Rat) mg/L/4hr:	(LC50: 47.7905) 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.



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Skin Sensitization:	May cause an allergic skin reaction.
Germ Cell Mutagenicity:	Not classified – the classification criteria are not met.
Carcinogenicity:	Suspected of causing cancer.
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:	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

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.

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)				



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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:
120-51-4 (20 – 30%) : Benzyl Benzoate

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:
1222-05-5 214-946-9 2 – 5% Hexamethylindanopyran

U.S. State Regulations:

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

140-67-0	205-427-8	0.1 – 1.0%	Estragole (Methyl chavicol) (Natural Source)
123-35-3	204-622-5	0.1 – 1.0%	beta-Myrcene (Natural Source)
93-15-2	202-223-0	<= 40 ppm	Methyl Eugenol (Natural Source)
94-59-7	202-345-4	<= 25 ppm	Safrole (Natural Source)

Canadian Regulations:

DSL/NDL: 99.89% of the components are listed or exempt. The following component are NOT on the List:

16510-27-3	0.1 – 1.0%	1-Cyclopropylmethyl-4-methoxybenzene
94201-73-7	303-662-1 0.01 – 1.0%	Tetrahydro-4-methyl-2-phenyl-2H-pyran

16. Other Information

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



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H226: Flammable liquid and vapour.	H301: Toxic if swallowed.
H302: Harmful if swallowed.	H304: May be fatal if swallowed and enters airways.
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.	H341: Suspected of causing genetic defects.
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

(104.62) Acute Toxicity Inhalation, Category 5
 (9.51) Sensitization, Skin, Category 1B
 (7.00) Sensitization, Skin, Category 1A
 (4.29) Skin Corrosion/Irritation, Category 2
 (3.94) Aquatic Chronic Toxicity, Category 2
 (2.86) Reproductive Toxicity, Category 2
 (1.89) Acute Toxicity Oral, Category 5
 (1.28) Acute Toxicity Dermal, Category 5

(TFV) Risk

(39.74) Aquatic Chronic Toxicity, Category 3
 (7.00) Sensitization, Skin, Category 1
 (5.73) Skin Corrosion/Irritation, Category 3
 (3.96) Eye Damage/Eye Irritation, Category 2A
 (2.91) Carcinogenicity, Category 2
 (2.40) Aquatic Chronic Toxicity, Category 4
 (1.73) Aquatic Acute Toxicity, Category 1

Revision Date: 22/08/2023

Remarks:

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information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.