

# OSHA Material Safety Data Sheet

Product: Sand Dune Fragrance Oil

Page 1 of 6

## 1. Chemical Product and Contact Information

---

Product Name: Sand Dune Fragrance Oil  
Product Use: Fragrance for Consumer product  
Contact Info: Candora Soap and Soap Supplies  
85 Midpark Rd # 6 London,  
Ontario, Canada N6N 1B2  
[www.candorasoap.ca](http://www.candorasoap.ca)

Emergency Telephone Number(s):  
(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands  
(813) 248-0585 International ChemTel

## 2. Hazards Identification

---

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 1910.1200 of title 29 of the U.S. Code of Federal Regulations.

### Emergency Overview of OSHA Hazards

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	12 Causes moderate skin irritation. 9 Harmful if absorbed through the skin. 15 May cause eye irritation. 19 May cause photo-induced skin irritation.
Acute Inhalation	25 Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	2 Harmful if swallowed
Reproductive/Developmental	39 Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 May cause allergic skin reaction.
Target Organ Effects	28 Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, bone marrow, skin, testes 26 Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, spleen, blood, bone marrow, stomach, brain, thyroid, bile duct, tongue, mucous membranes, musculo-skeletal system, male reproductive system.

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

## 3. Composition/Information on Ingredients

---

Chemical Identification: Perfumery Compound  
INCI Name: Fragrance

Fragrance Compound: a multi component mixture of fragrance ingredients. The specific chemical identities of the ingredients not listed herein are considered by Candora Soap and Soap Supplies to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of title 29 of the U.S. Code of Federal Regulations.

This product is a complex mixture of fragrance ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of OSHA Hazard Communication Standard 29CFR1910.1200 (HCS), or having an occupational Exposure Limit:

# OSHA Material Safety Data Sheet

Product: Sand Dune Fragrance Oil

Page 2 of 6

## 3. Composition/Information on Ingredients

---

CAS#	Ingredient(s)	Risk Codes
101-86-0	Hexyl cinnamal	11, 15
104-61-0	gamma-Nonalactone	12, 15
105-95-3	Ethylene brassylate	11, 15
120-51-4	Benzyl Benzoate	3, 28
123-11-5	Anisaldehyde	11, 15
127-51-5	a-Isomethyl ionone	11, 15, 19, 26, 28, 31
140-11-4	Benzyl acetate	15, 25, 26, 31, 39
65113-99-7	5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	31
78-70-6	Linalool	12, 26
80-54-6	Butylphenyl Methylpropional	3, 11, 15, 26, 28, 31, 39
91-64-5	Coumarin	2, 9, 12, 15, 26, 31

Total Hydrocarbon Content (% w/w) = 0.81

## 4. 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 water (and soap). Contact physician if symptoms persist.
Ingestion:	Rinse mouth with water and obtain medical advice.
Others:	Take risk and safety phrases (section 15) into account.

## 5. Fire-Fighting Measures

---

Flash Point	>200 F (93.33 C)
Flammability	Class IIIB Combustible Liquid
Extinguishing Media:	Carbon dioxide, dry chemical, foam. Do not use a direct water jet on burning material.
Special Fire Fighting Procedures	Wear NIOSH approved self-contained breathing apparatus and full protective clothing when fighting fires involving chemicals. Use water spray to cool containers exposed to fire.

Unusual Fire and  
Explosion Hazards None Known to Candora Soap and Soap Supplies

## 6. Accidental Release Measures

---

Personal precautions:	Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.
Spillage:	Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.
Environmental Precautions:	Keep away from drains, soil, and surface and groundwater.

# OSHA Material Safety Data Sheet

Product: Sand Dune Fragrance Oil

Page 3 of 6

## 7. Handling and Storage

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.

Storage: 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.

Fire protection: Keep away from ignition sources and naked flame.

## 8. Exposure Controls/Personal Protection

CAS#	Principal/RIFM (Common) Name limit of "na" = None Assigned	ACGIH TLV-STEL (ppm)	ACGIH TLV-TWA (ppm)	OSHA Ceiling Limits	OSHA STEL (ppm)	OSHA TWA (ppm)	OSHA TWA (mg/m3)
140-11-4	Benzyl acetate	na	10.00	na	na	na	na

## ENGINEERING MEASURES

Closed Systems: Wherever possible, use closed systems to transfer fragrances.

Isolation: If appropriate, isolate mixing rooms and other areas where fragrances are openly handled and maintain these areas under negative air pressure relative to the rest of the plant.

Ventilation: Use local exhaust ventilation meeting ACGIH design criteria around tanks and other sources of potential exposures, including places where fragrances are openly weighed or measured, as well as general dilution ventilation of the work area to eliminate or reduce possible worker exposures.

## PERSONAL PROTECTIVE EQUIPMENT

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

Eye Protection: Use goggles.

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

## 9. Physical and Chemical Properties

Appearance:	Conforms to Standard	Odor:	Conforms to Standard
Color:	Pale Yellow (G2)	Viscosity:	Liquid
Freezing Point:	Not determined	Boiling Point:	Not determined
Melting Point:	Not determined	Flashpoint:	>200 F (93.33 C)
Auto flammability:	Not determined	Explosive Properties:	None Expected
Oxidizing properties:	None Expected	Vapor Pressure (mmHg@20 C):	0.0325
%VOC:	8.3135	Specific Gravity @ 25 C:	1.0440
Density @ 25 C:	1.0410	Refractive Index @ 25 C:	1.5300
Soluble in:	Oil		

## 10. Stability and Reactivity

Reactivity: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Incompatibility: Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

## 11. Toxicological Information

Based on the ingredients in this mixture and their concentrations in accordance with the provisions of 1910.1200 of title 29 of the U.S. Code of Federal Regulations:

# OSHA Material Safety Data Sheet

Product: Sand Dune Fragrance Oil

Page 4 of 6

## 11. Toxicological Information

---

### Acute Oral Toxicity (Rat) Overall (Calculated Estimate) LD50: 1849.90 mg/Kg

- 2 Harmful if swallowed  
91-64-5 Coumarin (LD50 = 500 mg/Kg)

### Acute Dermal Toxicity (Rabbit) Overall (Calculated Estimate) LD50: 3078.19 mg/Kg

- 9 Harmful if absorbed through the skin.  
91-64-5 Coumarin (LD50 = 244 mg/Kg)

### Acute Inhalation Toxicity (Rat) Overall LC50: Undetermined

- 25 Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.  
140-11-4 Benzyl acetate (LC50 = >20 mg/L/4hr)

### Skin irritation

- 12 Causes moderate skin irritation.  
104-61-0 gamma-Nonalactone  
78-70-6 Linalool  
91-64-5 Coumarin  
19 May cause photo-induced skin irritation.  
127-51-5 a-Isomethyl ionone

### Eye irritation

- 15 May cause eye irritation.  
101-86-0 Hexyl cinnamal  
104-61-0 gamma-Nonalactone  
105-95-3 Ethylene brassylate  
123-11-5 Anisaldehyde  
127-51-5 a-Isomethyl ionone  
140-11-4 Benzyl acetate  
80-54-6 Butylphenyl Methylpropional  
91-64-5 Coumarin

### Sensitization & Allergic Reactions

- 31 May cause allergic skin reaction.  
127-51-5 a-Isomethyl ionone  
140-11-4 Benzyl acetate  
65113-99-7 5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol  
80-54-6 Butylphenyl Methylpropional  
91-64-5 Coumarin

### Carcinogenicity or Tumorigenicity

None

### Genotoxicity

None

### Reproductive/Developmental

- 39 Causes reproductive/developmental toxicity in animals.  
140-11-4 Benzyl acetate  
80-54-6 Butylphenyl Methylpropional

# OSHA Material Safety Data Sheet

Product: Sand Dune Fragrance Oil

Page 5 of 6

## 11. Toxicological Information

---

### Target Organ Effects

28	Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, bone marrow, skin, testes		
120-51-4	Benzyl Benzoate		kidneys, skin
127-51-5	a-Isomethyl ionone		kidneys, liver, bone marrow
80-54-6	Butylphenyl Methylpropional		testes
26	Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, spleen, blood, bone marrow, stomach, brain, thyroid, bile duct, tongue, mucous membranes, musculo-skeletal system, male reproductive system.		
127-51-5	a-Isomethyl ionone		kidneys, liver, spleen, bone marrow, thyroid
140-11-4	Benzyl acetate		kidneys, stomach, brain, tongue, mucous membranes, musculo-skeletal system
78-70-6	Linalool		kidneys, liver
80-54-6	Butylphenyl Methylpropional		kidneys, adrenal glands, liver, male reproductive system
91-64-5	Coumarin		kidneys, liver, spleen, blood, bile duct

## 12. Ecological Information

---

Avoid contamination of soil, ground and surface water. While no specific environmental toxicity or related data is available, fragrance compositions are not expected to accumulate in the environment and environmental problems are not expected under normal conditions of use.

## 13. Disposal Conditions

---

Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.

## 14. Transport Information

---

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

Ingredient of greatest environmental impact: 120-51-4 Benzyl Benzoate

## 15. Regulatory Information

---

The components of this fragrance product are in compliance, either listed or exempt, with the U.S. EPA Toxic Substances Control Act (TSCA) Inventory of Chemical Substances: Yes

# OSHA Material Safety Data Sheet

Product: Sand Dune Fragrance Oil

Page 6 of 6

## 15. Regulatory Information

---

100.00% of the components of this fragrance product are found on the Canadian DSL.

The following ingredient(s) are NOT found on the DSL, status as noted:

<u>Status</u>	<u>Chemical Class</u>	<u>CAS#</u>	<u>Concentration (% by wt)</u>
	NONE		

### **United States Code of Federal Regulations 40 CFR (EPCRA, SARA, CERCLA and CAA)**

This proprietary mixture contains the following chemicals subject to reporting requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA), also known as Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and chemicals listed under section 112(r) of the Clean Air Act (CAA).

<u>Chemical Class</u>	<u>CAS#</u>	<u>Concentration (% by wt)</u>
NONE		

### **California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm (NFS = In accordance with Title 22, California Code of Regulations, Division 2, Part 2, Subdivision 1, Chapter 3, subsection (b) of Section 12501, this material is exempt from reporting as a naturally occurring chemical from a food source):

<u>Chemical Class</u>	<u>CAS#</u>	<u>Concentration (% by wt)</u>
NONE		

## 16. Other Information

---

### Disclaimer

The information in this MSDS pertains only to the material referred to in Section I. Any modification to the fragrance or use of the fragrance in a product application requires a new MSDS for the finished product, which is the responsibility of the user to obtain and produce its own.

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warrant, expressed or implied, regarding its correctness or accuracy. Since the use, handling, storage and disposal of this product are beyond Candora Soap and Soap Supplies' control, it is the responsibility of the user both to determine safe conditions for the use of this product and to assume liability of loss, damage, or expense arising out of the product's improper use. No warranty expressed or implied regarding the product described herein shall be created by or inferred from any statement or mission in this MSDS. Various Federal, State or Provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product, which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.