

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Woodland Themes Fragrance Oil
Synonyms	:	Canadian Wilderess PF
INCI name	:	Fragrance
Country of Origin	:	USA
Product use	:	Fragrance
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Skin Sensitization - Category 1

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H317 May cause an allergic skin reaction.

### Precautionary statement(s)

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P321 Specific treatment (see section 4 on this label).  
 P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.  
 P363 Wash contaminated clothing before reuse.  
 P501 Dispose of contents/container according to local regulations.

## 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
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Diocetyl adipate	103-23-1	-	≥ 50 %
Iso Bornyl Acetate	125-12-2	-	1 - 5 %
Linalool	78-70-6	-	1 - 5 %
PTBCHA	32210-23-4	-	1 - 5 %
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta- $\gamma$ -2-benzopyran	1222-05-5	-	1 - 5 %
Fir Needle Oil	8021-29-2	-	1 - 5 %
Phenyl Acetaldehyde Dimethyl Acetal	101-48-4	-	1 - 5 %
Cedarwood Oil	68990-83-0	-	1 - 5 %
Isobornyl Acetate	125-12-2	-	1 - 5 %
Eucalyptus Oil	8000-48-4	-	1 - 5 %
Patchouli Oil	8014-09-3	-	1 - 5 %
Borneol	464-45-9	-	0.1 - 1 %
Labdanum Oil	8016-26-0	-	0.1 - 1 %
Hydroxycitronellal	107-75-5	-	0.1 - 1 %
Benzyl Alcohol	100-51-6	-	0.1 - 1 %
Ethyl Maltol	4940-11-8	-	0.1 - 1 %
Sage Oil	8022-56-8	-	0.1 - 1 %

**NOTE:**

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

#### 4. FIRST AID MEASURES

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**Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation**

If inhaled, removed to fresh air. Get medical attention if cough or other symptoms appear.

**Ingestion**

Do not induce vomiting. Seek medical attention if irritation occurs.

#### 5. FIRE FIGHTING MEASURES

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**Suitable extinguishing media**

Foam extinguisher, dry powder, carbon dioxide.

**Unsuitable extinguishing media**

Water spray, water jet.

**Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or its combustible products**

The product is non-reactive under normal conditions of use, storage and transport.

## 6. ACCIDENTAL RELEASE MEASURES

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### **Personal precautions, protective equipment and emergency procedures.**

Respiratory protection equipment may be necessary.

Remove any ignition sources. Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### **Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## 7. HANDLING AND STORAGE

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### **Precautions for safe handling**

Handle according to good safety procedures, avoiding any unnecessary exposure to skin, lungs or eyes by wearing the appropriate protective gear for the situation. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for safe storage, including any incompatibilities**

Store in a cool dry place away from heat, light and sources of ignition.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### **Eyes**

May cause irritation. Use tightly sealed goggles.

### **Skin**

May cause irritation. Protective clothing and gloves should be worn.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Not for ingestion.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Orange to pale amber clear liquid
Odor	:	Characteristic odor.
Flash point	:	100°C
Relative density	:	0.917 to 0.937 @ 25°C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.444 to 1.464 @ 20°C

## 10. STABILITY AND REACTIVITY

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### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources.

### **Incompatible materials**

Strong oxidizing agents, strong reducing agents.

### **Hazardous decomposition products**

Carbon monoxide, carbon dioxide.

## **11. TOXICOLOGICAL INFORMATION**

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### **Acute toxicity**

ETHYL MALTOL (4940-11-8):

LD50 oral rat: 1150 mg/kg (Rat, Oral)

LD50 oral: 1200 mg/kg body weight

LD50 dermal rabbit > 5000 mg/kg (Rabbit, Dermal)

ALPHA TERPINEOL (98-55-5)

LD50 oral 4300 mg/kg body weight

BENZYL ALCOHOL (100-51-6)

LD50 oral rat 1620 mg/kg bw/day (Rat, Male, Experimental value, Oral)

LD50 oral 1620 mg/kg body weight

LD50 dermal rabbit > 2000 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)

LD50 dermal 2500 mg/kg body weight

BENZYL ALCOHOL (100-51-6)

LC50 inhalation rat (mg/l) > 4.178 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental

value, Inhalation (aerosol))

DIOCTYL ADIPATE (103-23-1)

LD50 oral rat > 20000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral)

LC50 inhalation rat (mg/l) > 5.7 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental

value, Inhalation (aerosol))

HYDROXYCITRONELLAL (107-75-5)

LD50 oral rat > 5000 mg/kg (Rat)

LD5

### **Chronic toxicity**

May cause allergic reactions on skin.

### **Specific target organ toxicity**

SAGE OIL (8022-56-8): May cause damage to organs.

### **Skin contact**

Adverse skin effects should be prevented by normal care and personal hygiene.

### **Eye contact**

Possible irritation should be prevented by wearing safety glasses.

## **12. ECOLOGICAL INFORMATION**

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### **Ecotoxicity**

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

### **Persistence and degradability**

Not available.

### **Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

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**13. DISPOSAL CONSIDERATION**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

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**14. TRANSPORT INFORMATION****UN Number**

Not regulated.

**US DOT Shipping Description (Land)**

Not regulated.

**IMO-IMDG Shipping Description (Sea)**

Not regulated.

**IATA Shipping Description (Air)**

Not regulated.

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**15. REGULATORY INFORMATION****TSCA**

All products are listed on the United States TSCA inventory.

**California Proposition 65**

• This product can expose you to beta myrcene , which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

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**16. OTHER INFORMATION**

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**Disclaimer & Caution**

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. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment 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 New Directions Aromatics 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 New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics 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 agree that Jurisdiction is limited to the province of Ontario, Canada.