

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Fresh Linen Fragrance Oil
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

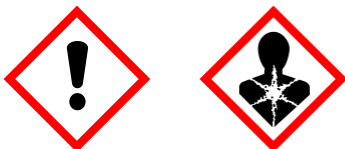
## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

- Flammable liquids - Category 4
- Skin Corrosion/Irritation - Category 2
- Skin Sensitization - Category 1B
- Serious eye damage/eye irritation - Category 2A
- Reproductive toxicity - Category 2

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

- |      |  |
|------|--|
| H227 | Combustible liquid.                                  |
| H315 | Causes skin irritation.                              |
| H317 | May cause an allergic skin reaction.                 |
| H319 | Causes serious eye irritation.                       |
| H361 | Suspected of damaging fertility or the unborn child. |

### Precautionary statement(s)

- |      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P264 | Wash skin thoroughly after handling.   |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P302+P352	IF ON SKIN: Wash with plenty of water.
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: Call a POISON CENTER or doctor/physician.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	20 - 30 %
1-hexanol, 3,5,5-trimethyl, acetate	58430-94-7	261-245-9	10 - 20 %
1,6-octadien-3-ol,3,7-dimethyl	78-70-6	201-134-4	5.0 - 10 %
Cyclohexene, 1-methyl-4-(1-emthylethenyl)-, (r)	5989-27-5	227-813-5	5.0 - 10 %
Verdox	88-41-5	201-828-7	5.0 - 10 %
Benzyl acetate	140-11-4	205-399-7	5.0 - 10 %
2,6-Dimethyloct-7-en-2-ol	18479-58-8	242-362-4	1.0 - 5.0 %
Cyclaprop	17511-60-3	241-514-7	1.0 - 5.0 %
Heptanoic acid, 2-propenyl ester	142-19-8	205-527-1	1.0 - 5.0 %
Acetic acid, p-tert-butylcyclohexylester	32210-23-4	250-954-9	1.0 - 5.0 %
Methyl ionones, mixed isomers	1335-46-2	215-635-0	1.0 - 5.0 %
Amyl salicylate	2050-08-0	218-080-2	0.1 - 1 %
alpha-Isomethyl ionone	127-51-5	204-846-3	0.1 - 1.0 %
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)	54464-57-2	259-174-3	0.1 - 1.0 %
Benzenepropanal, 4-(1,1-dimethylethyl)-a-methyl	80-54-6	201-289-8	0.1 - 1.0 %
3-hepten-2-one, 3,4,5,6,6-pentamethyl-, (z)	81786-73-4	279-822-9	0.1 - 1.0 %
Dimethylcyclohex-3-ene-1-carbald ehyde	68737-61-1	272-113-5	0.1 - 1.0 %
Dodecenal-2	112-54-9	203-983-6	0.1 - 1.0 %
Cis-3-hexenyl salicylate	65405-77-8	265-745-8	0.1 - 1.0 %
2h-pyran-tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-	16409-43-1	240-457-5	0.1 - 1.0 %

Bourgeonal	18127-01-0	242-016-2	0.1 - 1.0 %
2,6-octadienal, 3,7-dimethyl-	5392-40-5	226-394-6	0.1 - 1.0 %

**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 symptoms appear.

**Ingestion**

Seek medical attention or contact local poison control center.

**5. FIRE FIGHTING MEASURES**

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**Suitable extinguishing media**

Water. Water spray. Carbon dioxide. Dry powder. Foam.

**Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

**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**

Hazardous decomposition products may be formed at extreme heat or if burned.

**Resulting gases**

Carbon dioxide, Carbon monoxide and unburned hydrocarbons (smoked).

**6. ACCIDENTAL RELEASE MEASURES**

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

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**

Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Do not breathe vapours or spray mist. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use product only in closed system.

## Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Exposure controls

Odor is inadequate to warn of overexposure.

### Eyes

Use tightly sealed goggles.

### Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

### Ingestion

Not for ingestion.

### Exposure limit values

ACGIH TLV (TWA)

Dipropylene glycol monomethyl ether: 100 PPM

Benzyl acetate: 10 PPM

2,6-octadienal, 3,7-dimethyl-: 5 PPM (Inhalable fraction and vapour)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Colorless to light yellow oily liquid.
Odor	:	Characteristic odor.
Initial b.p and boiling range	:	> 35°C
Flash point	:	74 °C (closed cup)
Relative density	:	0.9150 to 0.9350 @ 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4430 to 1.4530 @ 25°C

## 10. STABILITY AND REACTIVITY

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### Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strong acid or alkaline materials.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Oral LD50: 3787 mg/kg

Dermal LD50: >5000mg/kg

Vapor: 110 mg/L

### 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

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

### Persistence and degradability

Not available.

### Bio - accumulative potential

Not available.

### Mobility in soil

Not available.

### Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

## 13. DISPOSAL CONSIDERATION

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

## 14. TRANSPORT INFORMATION

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### UN Number

3082

### UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (1-hexanol, 3,5,5-trimethyl)

### Transport hazard class

9

### Packing group

III

### US DOT Shipping Description (Land)

NA1993

### Proper shipping name

Combustible liquid, n.o.s.

### Packaging group

III

### IMO-IMDG Shipping Description (Sea)

3082

**Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s. (1-hexanol, 3,5,5-trimethyl)

**Class**

9

**Packaging group**

III

**IMDG-Marine pollution**

Yes.

**IATA Shipping Description (Air)**

3082

**Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s. (1-hexanol, 3,5,5-trimethyl)

**Class**

9

**Packaging group**

III

**15. REGULATORY INFORMATION**

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**TSCA**

All components in this product are on the TSCA Inventory.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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Revision date : December 20, 2018

**Disclaimer & Caution**

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