

# Bulk

APOTHECARY

## Safety Data Sheet Fresh Linen Fragrance Oil

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Fresh Linen Fragrance Oil
Product number	fragflav-365
Brand	Nature's Oil

#### 1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

#### 1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 4
- Acute toxicity, inhalation, Cat. 2
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Toxic to reproduction, Cat. 2

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



##### Hazard statement(s)

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H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H330	Fatal if inhaled
H361	Suspected of damaging fertility or the unborn child [effect, route]

### Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor/...
P320	Specific treatment is urgent (see ... on this label).
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use ... to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to ...

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate

Concentration	10 - 25 % (weight)
CAS no.	32210-23-4

##### 2. ALPHA HEXYLCINNAMALDEHYDE

Concentration	10 - 25 % (weight)
CAS no.	101-86-0

##### 3. 2-(4-tert-Butylbenzyl)propionaldehyde

Concentration	5 - 10 % (weight)
EC no.	201-289-8
CAS no.	80-54-6

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- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Toxic to reproduction, Cat. 2

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H361	Suspected of damaging fertility or the unborn child [effect, route]
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

### 4. 3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-

Concentration	5 - 10 % (weight)
EC no.	204-846-3
CAS no.	127-51-5

### 5. $\alpha$ -Terpineol

Concentration	5 - 10 % (weight)
EC no.	233-986-8
CAS no.	98-55-5

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity, single exposure, Cat. 3

H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

### 6. 7-Octen-2-ol, 2,6-dimethyl-

Concentration	1 - 5 % (weight)
CAS no.	18479-58-8

### 7. Benzenemethanol, alpha-(trichloromethyl)-, 1-acetate

Concentration	1 - 5 % (weight)
CAS no.	90-17-5

### 8. alpha-Amylcinnamaldehyde

Concentration	1 - 5 % (weight)
EC no.	204-541-5
CAS no.	122-40-7

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- Sensitization, skin, Cat. 1
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2

H317 May cause an allergic skin reaction  
H401 Toxic to aquatic life  
H411 Toxic to aquatic life with long lasting effects

#### 9. 4-(4-Hydroxyphenyl)-2-butanone

Concentration 1 - 5 % (weight)  
CAS no. 5471-51-2

#### 10. LINALYN ACETATE

Concentration 1 - 5 % (weight)  
CAS no. 115-95-7

#### 11. Orange terpenes

Concentration 1 - 5 % (weight)  
EC no. 232-433-8  
CAS no. 68647-72-3

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- Skin corrosion/irritation, Cat. 2

H226 Flammable liquid and vapor  
H304 May be fatal if swallowed and enters airways  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H411 Toxic to aquatic life with long lasting effects

#### 12. Coumarin

Concentration 1 - 5 % (weight)  
EC no. 202-086-7  
CAS no. 91-64-5

- Acute toxicity, oral, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 3
- Hazardous to the aquatic environment - long-term hazard, Cat. 3

H301 Toxic if swallowed  
H402 Harmful to aquatic life  
H412 Harmful to aquatic life with long lasting effects

#### 13. (Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one (cis); (E)-3,4,5,6,6-Pentamethylhept-3-en-2-one (trans)

Concentration 1 - 5 % (weight)

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CAS no. 81786-73-4

### 14. Linalool

Concentration 1 - 5 % (weight)  
EC no. 201-134-4  
CAS no. 78-70-6

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Hazardous to the aquatic environment - acute hazard, Cat. 3

H227 Combustible liquid  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H402 Harmful to aquatic life

### 15. Hydroxycitronellal

Concentration 0.1 - 1 % (weight)  
EC no. 203-518-7  
CAS no. 107-75-5

- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation

### 16. Cyclohexanepropanoic acid, 2-propen-1-yl ester

Concentration 0.1 - 1 % (weight)  
EC no. 220-292-5  
CAS no. 2705-87-5

### 17. Eucalyptus oil

Concentration 0.1 - 1 % (weight)  
EC no. 283-406-2  
CAS no. 8000-48-4

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

H226 Flammable liquid and vapor  
H304 May be fatal if swallowed and enters airways  
H315 Causes skin irritation

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H317	May cause an allergic skin reaction
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

### 18. Eugenol

Concentration	0.1 - 1 % (weight)
EC no.	202-589-1
CAS no.	97-53-0

- Eye damage/irritation, Cat. 2A
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Sensitization, skin, Cat. 1

H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H401	Toxic to aquatic life

### 19. Lime oil

Concentration	0.1 - 1 % (weight)
EC no.	290-010-3
CAS no.	8008-26-2

- Flammable liquids, Cat. 3
- Aspiration hazard, Cat. 1
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

### 20. Benzoic acid, 2-hydroxy-, hexyl ester

Concentration	0.1 - 1 % (weight)
CAS no.	6259-76-3

### 21. Mandarin oil

Concentration	0.1 - 1 % (weight)
CAS no.	8008-31-9

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Call a physician immediately.
If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a physician immediately. Call a doctor.
In case of skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

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In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If swallowed	Call a poison center/doctor/physician if you feel unwell.

### 4.2 Most important symptoms/effects, acute and delayed

Irritation. May cause an allergic skin reaction.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2 Specific hazards arising from the chemical

Combustible liquid.

### 5.3 Special protective actions for fire-fighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Only qualified personnel equipped with suitable protective equipment may intervene.

### 6.2 Environmental precautions

Avoid release to the environment.

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

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

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

Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

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**1. Orange oil (CAS: 8028-48-6)**  
TLV® (Inhalation): 30 ppm (ACGIH)

**8.2 Appropriate engineering controls**  
Ensure good ventilation of the work station.

**8.3 Individual protection measures, such as personal protective equipment (PPE)**

### Pictograms



**Eye/face protection**  
Safety glasses

**Skin protection**  
Protective gloves

**Body protection**  
Wear suitable protective clothing

**Respiratory protection**  
Wear respiratory protection.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Pale yellow to amber
Odor	fresh, clean, floral
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	87 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	0.975 (0.965 - 0.985)
Solubility(ies)	Insoluble.
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

## SECTION 10: Stability and reactivity



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### 10.1 Reactivity

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

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not classified

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

May cause an allergic skin reaction.

#### Reproductive toxicity

Suspected of damaging fertility or the unborn child.

## SECTION 12: Ecological information

### Toxicity

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

## SECTION 13: Disposal considerations

### Disposal of the product

Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### DOT (US)

Not regulated

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### IMDG

Not regulated

### IATA

Not regulated

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### Pennsylvania Right To Know Components

2-(4-tert-Butylbenzyl)propionaldehyde

CAS-No. 80-54-6

#### New Jersey Right To Know Components

2-(4-tert-Butylbenzyl)propionaldehyde

CAS-No. 80-54-6

#### New Jersey Right To Know Components

$\alpha$ -Terpineol

CAS-No. 98-55-5

#### Pennsylvania Right To Know Components

$\alpha$ -Terpineol

CAS-No. 98-55-5

#### SARA 311/312 Hazards

Acute Health Hazard

#### Pennsylvania Right To Know Components

alpha-Amylcinnamaldehyde

CAS-No. 122-40-7

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### **New Jersey Right To Know Components**

alpha-Amylcinnamaldehyde  
CAS-No. 122-40-7

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **California Prop. 65 Components**

Orange terpenes -No

### **Pennsylvania Right To Know Components**

Orange terpenes -Yes

### **New Jersey Right To Know Components**

Orange terpenes -Yes

### **Massachusetts Right To Know Components**

Orange terpenes -No

### **New Jersey Right To Know Components**

Coumarin  
CAS-No. 91-64-5

### **Pennsylvania Right To Know Components**

Coumarin  
CAS-No. 91-64-5

### **SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard

### **Pennsylvania Right To Know Components**

Linalool  
CAS-No. 78-70-6

### **New Jersey Right To Know Components**

Linalool  
CAS-No. 78-70-6

### **Pennsylvania Right To Know Components**

Hydroxycitronellal  
CAS-No. 107-75-5

### **New Jersey Right To Know Components**

Hydroxycitronellal  
CAS-No. 107-75-5

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### **New Jersey Right To Know Components**

Eucalyptus globulus, ext.  
CAS-No. 84625-32-1

### **Pennsylvania Right To Know Components**

Eucalyptus globulus, ext.  
CAS-No. 84625-32-1

### **Pennsylvania Right To Know Components**

4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde  
CAS-No. 31906-04-4

### **New Jersey Right To Know Components**

4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde  
CAS-No. 31906-04-4

## **15.2 Chemical Safety Assessment**

Please see section 2.

## **SECTION 16: Other information**

### **16.1 Further information/disclaimer**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.