

## Safety Data Sheet Windsong Balsam Pine Fragrance Oil

### SECTION 1: Identification

#### 1.1 Product identifier

Product name Windsong Balsam Pine Fragrance Oil

Brand Nature's Oil

#### 1.3 Recommended use of the chemical and restrictions on use

No additional information available.

#### 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)

- Aspiration hazard, Cat. 1
- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

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

##### Pictogram



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## Windsonq Balsam Pine Fragrance Oil

### Hazard statement(s)

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

### Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands, face, and forearms thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor
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.
P321	Specific treatment (see supplemental first aid instruction on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use media other than water to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, state, national and/or international regulations

### 2.3 Other hazards which do not result in classification

No additional information available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### 1. Isobornyl acetate

Concentration >= 50 % (weight)  
CAS no. 125-12-2

- Flam. Liq. 4, H227  
Eye Irrit. 2, H319

#### 2. Oils, fir

Concentration 5 - 10 % (weight)  
CAS no. 8021-28-1

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Eye Irrit. 2A, H319  
Skin Sens. 1, H317

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Asp. Tox. 1, H304

### 3. Lemon oil

Concentration 1 - 5 % (weight)  
CAS no. 8008-56-8

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Asp. Tox. 1, H304

### 4. Oils, cypress

Concentration 1 - 5 % (weight)  
CAS no. 8013-86-3

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Asp. Tox. 1, H304

### 5. Oils, patchouli

Concentration 1 - 5 % (weight)  
CAS no. 8014-09-3

- Asp. Tox. 1, H304

### 6. Benzyl salicylate

Concentration 1 - 5 % (weight)  
EC no. 204-262-9  
CAS no. 118-58-1

- Eye Irrit. 2B, H320  
Skin Sens. 1, H317

### 7. Balsams, Canada

Concentration 1 - 5 % (weight)  
CAS no. 8007-47-4

- Skin Irrit. 2, H315  
Skin Sens. 1, H317

### 8. Diethyl phthalate

Concentration 1 - 5 % (weight)  
EC no. 201-550-6  
CAS no. 84-66-2

- Acute toxicity, Cat. 3331

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

Concentration 1 - 5 % (weight)  
CAS no. 32210-23-4

- Skin Sens. 1B, H317

### 10. 3-Cyclohexene-1-carboxaldehyde, dimethyl-

Concentration 1 - 5 % (weight)  
CAS no. 27939-60-2

- Flam. Liq. 4, H227  
Acute Tox. 4 (Dermal), H312  
Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Skin Sens. 1B, H317

### 11. Linalyl acetate

Concentration 1 - 5 % (weight)  
EC no. 204-116-4  
CAS no. 115-95-7

- Flam. Liq. 4, H227  
Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Skin Sens. 1, H317

### 12. Terpenes and Terpenoids, lemon-oil

Concentration 1 - 5 % (weight)  
CAS no. 68917-33-9

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Asp. Tox. 1, H304

### 13. ALPHA-PINENE

Concentration 1 - 5 % (weight)  
CAS no. 80-56-8

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Asp. Tox. 1, H304

### 14. Ethyl maltol

Concentration 1 - 5 % (weight)

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EC no. 225-582-5  
CAS no. 4940-11-8

- Acute toxicity, Cat. 4302

### 15. Linalool

Concentration 0.1 - 1 % (weight)  
EC no. 201-134-4  
CAS no. 78-70-6

- Flam. Liq. 4, H227  
Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Skin Sens. 1, H317

### 16. Oil, Cedarleaf

Concentration 0.1 - 1 % (weight)  
CAS no. 8007-20-3

- Flam. Liq. 3, H226  
Acute Tox. 4 (Oral), H302  
Skin Sens. 1, H317  
Asp. Tox. 1, H304

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Consult a physician immediately. Show this safety data sheet to the doctor in attendance.
If inhaled	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or 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.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Do not induce vomiting. Call a physician immediately.

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

Inhalation: May cause respiratory irritation  
Skin Contact: May cause skin irritation  
Eye Contact: Eye irritation  
Ingestion: Risk of lung edema. May be harmful or fatal if swallowed.

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

Treat symptomatically.

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### 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. Upon combustion may produce oxides of carbon, smoke, and fumes. Burning fumes may be acrid.

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting. Wear protective clothing and gear to prevent contact with skin and eyes.

#### Further information

Use water spray to cool unopened containers.

### SECTION 6: Accidental release measures

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

Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Emergency responders: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2 Environmental precautions

Should not be released into the environment.

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

Soak up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site

#### Reference to other sections

For disposal see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust, fumes, gas, mist, vapors, and/or spray.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Store locked up in a cool, dry, and well ventilated place. Keep container tightly closed. Store away from direct sunlight and ignition sources.

#### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### 1. Lemon oil (CAS: 8008-56-8)

REL-TWA (Inhalation): 5 mg/m<sup>3</sup> (resp) (NIOSH)

##### 2. Diethyl phthalate (CAS: 84-66-2 EC: 201-550-6)

TLV® (Inhalation): 5 mg/m<sup>3</sup> (ACGIH)

Upper Respiratory Tract irritation

Not classifiable as a human carcinogen

REL-TWA (Inhalation): 5 mg/m<sup>3</sup> (NIOSH)

Upper Respiratory Tract irritation

Not classifiable as a human carcinogen

TWA (Inhalation): 5 mg/m<sup>3</sup>; USA (ACGIH)

USA. ACGIH Threshold Limit Values (TLV)/ Upper Respiratory Tract irritation. Not classifiable as a human carcinogen

TWA (Inhalation): 5 mg/m<sup>3</sup>; USA (NIOSH)

USA. NIOSH Recommended Exposure Limits

PEL (Inhalation): 5 mg/m<sup>3</sup>; USA (Cal/OSHA)

California permissible exposure limits for chemical contaminants

(Title 8, Article 107)

#### 8.2 Appropriate engineering controls

Ensure Good Ventilation of the work station. Handle material in accordance with good industrial hygiene and safety practices. Avoid release into the environment.

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

##### Pictograms



##### Eye/face protection

Wear chemical goggles or safety glasses.

##### Skin protection

Wear protective gloves.

##### Body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

##### Respiratory protection

Respiratory protection is normally not required in a well ventilated area. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

##### Thermal hazards

No data available

##### Environmental exposure controls

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Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid; Amber to dark greenis brown
Odor	Characteristic; Pine Scent
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	62 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	0.962 (0.952 - 0.972)
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

#### Other safety information

Refractive index: 1.471 (1.461 - 1.481)

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None under normal use conditions.

#### 10.2 Chemical stability

Stable under recommended use, transport, and storage conditions.

#### 10.3 Possibility of hazardous reactions

None under normal use conditions.

#### 10.4 Conditions to avoid

Avoid contact with hot surfaces as well as heat, flames, sparks, and all sources of ignition.

#### 10.5 Incompatible materials

No additional information available.

#### 10.6 Hazardous decomposition products

On combustion may produce smoke, carbon monoxide, and carbon dioxide.

### SECTION 11: Toxicological information



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## Windsong Balsam Pine Fragrance Oil

### Information on toxicological effects

#### Acute toxicity

ALPHA PINENE (80-56-8)

LD50 oral 3700 mg/kg (Weight of evidence, Oral)

LD50 dermal > 5000 mg/kg (24 h, Weight of evidence, Dermal)

ATE US (oral) 3500 mg/kg body weight

BENZYL SALICYLATE (118-58-1)

LD50 oral 2227 mg/kg

LD50 dermal 14150 mg/kg

ATE US (oral) 2200 mg/kg body weight

ATE US (dermal) 14150 mg/kg body weight

DIETHYL PHTHALATE (84-66-2)

LD50 oral 8600 mg/kg

LD50 dermal > 7940 mg/kg

LC50 inhalation (mg/l) > 5 mg/l (4 h, Inhalation)

ATE US (oral) 8600 mg/kg body weight

ATE US (vapors) 3 mg/l/4h

ISOBORNYL ACETATE (125-12-2)

LD50 oral > 10000 mg/kg

LD50 dermal > 20000 mg/kg

LINALOOL (78-70-6)

LD50 oral 2790 mg/kg

LD50 dermal 5610 mg/kg

LD50 dermal > 5000 mg/kg

ATE US (oral) 2790 mg/kg body weight

ATE US (dermal) 5610 mg/kg body weight

Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified) (27939-60-2)

LD50 oral 3600 mg/kg

LD50 dermal 5000 mg/kg

ATE US (oral) 2630 mg/kg body weight

ATE US (dermal) 1310 mg/kg body weight

PTBCHA (32210-23-4)

ATE US (oral) 3370 mg/kg body weight

CEDARLEAF OIL (8007-20-3)

ATE US (oral) 830 mg/kg body weight

ATE US (dermal) 4100 mg/kg body weight

ETHYL MALTOL (4940-11-8)

LD50 oral 1150 mg/kg

LD50 dermal > 5000 mg/kg

ATE US (oral) 1150 mg/kg body weight

#### Skin corrosion/irritation

Irritating to skin.

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## Windsonq Balsam Pine Fragrance Oil

### Serious eye damage/irritation

Causes serious eye irritation.

### Respiratory or skin sensitization

May cause an allergic skin reaction

### Germ cell mutagenicity

Not classified

### Carcinogenicity

Not classified

### Reproductive toxicity

Not classified

### STOT-single exposure

Not classified

### STOT-repeated exposure

Not classified

### Aspiration hazard

May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### Toxicity

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

#### DIETHYL PHTHALATE (84-66-2)

LC50 fish 1 17 ppm (96 h, Pimephales promelas, Flow-through system)

EC50 Daphnia 1 52 mg/l (48 h, Daphnia magna)

#### ISOBORNYL ACETATE (125-12-2)

LC50 fish 1 10 - 18 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio)

#### LINALOOL (78-70-6)

EC50 Daphnia 1 59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna)

EC50 other aquatic organisms 1  $\geq$  100 mg/l (3 h; Activated sludge)

LC50 fish 2 27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri)

Threshold limit algae 1 88.3 mg/l (EC50; 96 h)

#### LINALYL ACETATE (115-95-7)

LC50 fish 1 11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio)

EC50 Daphnia 1 15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

### Persistence and degradability

#### ALPHA PINENE (80-56-8)

Persistence and degradability Readily biodegradable in water.

#### BENZYL SALICYLATE (118-58-1)

Persistence and degradability Biodegradability in water: no data available.

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DIETHYL PHTHALATE (84-66-2)

Persistence and degradability Biodegradable in the soil. Readily biodegradable in water.

ISOBORNYL ACETATE (125-12-2)

Persistence and degradability Readily biodegradable in water.

LINALOOL (78-70-6)

Persistence and degradability Readily biodegradable in water.

Biochemical oxygen demand (BOD) 1.531 g O<sub>2</sub> /g substance

Chemical oxygen demand (COD) 2.808 g O<sub>2</sub> /g substance

LINALYL ACETATE (115-95-7)

Persistence and degradability Readily biodegradable in water.

Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified) (27939-60-2)

Persistence and degradability Biodegradability in water: no data available

ETHYL MALTOL (4940-11-8)

Persistence and degradability Biodegradability in water: no data available

### Bioaccumulative potential

ALPHA PINENE (80-56-8)

BCF fish 1 718 (Pimephales promelas, QSAR)

Log Pow 4.487 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)

Bioaccumulative potential Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

BENZYL SALICYLATE (118-58-1)

Log Pow 4.31 (Estimated value)

DIETHYL PHTHALATE (84-66-2)

BCF fish 1 15 - 16 (Mugil cephalus)

BCF fish 2 117.5 (504 h, Lepomis macrochirus)

BCF other aquatic organisms 1 1100 ppb (Ostreidae, Fresh weight)

BCF other aquatic organisms 2 340 - 450 ppb (Lamellibranchiata, Fresh weight)

Log Pow 1.4 - 2.82

Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

ISOBORNYL ACETATE (125-12-2)

Log Pow 3.5 (QSAR)

Bioaccumulative potential No bioaccumulation data available.

LINALOOL (78-70-6)

Log Pow 2.84 - 3.145

Bioaccumulative potential Bioaccumable.

LINALYL ACETATE (115-95-7)

Log Pow 3.93 (Experimental value)

Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified) (27939-60-2)

Bioaccumulative potential No bioaccumulation data available.

ETHYL MALTOL (4940-11-8)

Bioaccumulative potential No bioaccumulation data available.

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### Mobility in soil

ALPHA PINENE (80-56-8)

Ecology - soil Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.

DIETHYL PHTHALATE (84-66-2)

Surface tension 0.0375 N/m (20 °C)

LINALYL ACETATE (115-95-7)

Ecology - soil Adsorbs into the soil.

### Other adverse effects

Avoid release to the environment.

## SECTION 13: Disposal considerations

### Disposal of the product

Dispose of contents/container in accordance with licensed collector's sorting instructions as well as local, state, federal and/or international regulations.

### Disposal of contaminated packaging

Dispose of as unused product, following federal, state, and local regulations.

### Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

### Sewage disposal

Avoid release into sewers or other public water ways.

## SECTION 14: Transport information

### DOT (US)

Not regulated

### IMDG

Not applicable

### IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name: Not applicable

## SECTION 15: Regulatory information

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

#### Toxic Substances Control Act (TSCA) Inventory

All components listed or exempted

#### Canadian Domestic Substances List (DSL)

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All components of the substance/mixture are listed or exempt.

### **SARA 302 Components**

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

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

Fire Hazard, Acute Health Hazard

No SARA Hazards

Acute 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.

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.

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

WARNING! This product contains myrcene, a chemical known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

Lemon oil

CAS-No. 8008-56-8

Diethyl phthalate

CAS number: 84-66-2

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

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

Lemon oil

CAS-No. 8008-56-8

Benzyl salicylate

CAS-No. 118-58-1

Diethyl phthalate

CAS number: 84-66-2

Linalyl acetate

CAS-No. 115-95-7

Common name: alpha-PINENE

CAS number: 80-56-8

2-Ethyl-3-hydroxy-4-pyrone

CAS-No. 4940-11-8

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## Windsong Balsam Pine Fragrance Oil

Linalool  
CAS-No. 78-70-6

### Pennsylvania Right To Know Components

Lemon oil  
CAS-No. 8008-56-8

Benzyl salicylate  
CAS-No. 118-58-1

Diethyl phthalate  
CAS number: 84-66-2

Linalyl acetate  
CAS-No. 115-95-7

Chemical name: Bicyclo[3.1.1]hept-2-ene, 2,6,6,trimethyl-  
CAS number: 80-56-8

2-Ethyl-3-hydroxy-4-pyrone  
CAS-No. 4940-11-8

Linalool  
CAS-No. 78-70-6

## SECTION 16: Other information

SDS Version: 1.0  
Revision Date: 01/11/2019

### 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.