



## Safety Data Sheet Cedar Leather Fragrance Oil

### SECTION 1: Identification

#### 1.1 Product identifier

Product name Cedar Leather 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)**

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

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

**Pictogram**



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### Signal word

### Warning

#### Hazard statement(s)

H319  
H317  
H315  
H361

Causes serious eye irritation  
May cause an allergic skin reaction  
Causes skin irritation  
Suspected of damaging fertility or the unborn child

#### Precautionary statement(s)

P201  
P202  
P261  
P264  
P272  
P280

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust, fume, gas, mist, vapors, and/or spray.  
Wash hands, forearms, and face thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves, protective clothing, eye protection, and face protection.

P302+P352  
P305+P351+P338

IF ON SKIN: Wash with plenty of water  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P308+P313  
P321  
P332+P313  
P333+P313  
P337+P313  
P362+P364  
P363  
P405  
P501

IF exposed or concerned: Get medical attention.  
Specific treatment (see supplemental first aid instruction on this label).  
If skin irritation occurs: Get medical attention.  
If skin irritation or rash occurs: Get medical attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Wash contaminated clothing before reuse.  
Store locked up.  
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, state, national, and/or international regulations.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. BENZYL BENZOATE

Concentration	25 - 50 % (weight)
EC no.	204-402-9
CAS no.	120-51-4
Index no.	607-085-00-9

- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

H302  
H411

Harmful if swallowed  
Toxic to aquatic life with long lasting effects

##### 2. Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-

Concentration	10 - 25 % (weight)
CAS no.	54464-57-2

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- Skin Irrit. 2, H315  
Skin Sens. 1B, H317  
Aquatic Chronic 1, H410

### 3. 7-Octen-2-ol, 2,6-dimethyl-

Concentration 5 - 10 % (weight)  
CAS no. 18479-58-8

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

### 4. 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

### 5. 2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-

Concentration 1 - 5 % (weight)  
CAS no. 28219-61-6

- Eye Irrit. 2, H319  
Aquatic Acute 1, H400  
Aquatic Chronic 1, H410

### 6. 1-[(2-tert-butyl)cyclohexyloxy]-2-butanol

Concentration 1 - 5 % (weight)  
EC no. 412-300-2  
CAS no. 139504-68-0  
Index no. 603-154-00-2

- Eye Irrit. 2B, H320  
Aquatic Acute 2, H401  
Aquatic Chronic 2, H411

### 7. Linalool

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

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

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Skin Sens. 1, H317

### 8. 1,6-Nonadien-3-ol, 3,7-dimethyl-

Concentration 1 - 5 % (weight)  
CAS no. 10339-55-6

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

### 9. D-Limonene

Concentration 1 - 5 % (weight)  
EC no. 227-813-5  
CAS no. 5989-27-5

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

### 10. Oils, patchouli

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

- Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Asp. Tox. 1, H304

### 11. Acetic acid, 2-(cyclohexyloxy)-, 2-propen-1-yl ester

Concentration 1 - 5 % (weight)  
EC no. 272-657-3  
CAS no. 68901-15-5

- Flam. Liq. 4, H227  
Acute Tox. 4 (Oral), H302  
Skin Irrit. 2, H315  
Aquatic Chronic 3, H412

### 12. Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-

Concentration 1 - 5 % (weight)  
CAS no. 1506-02-1

- Acute toxicity

### 13. 2-(4-tert-Butylbenzyl)propionaldehyde

Concentration 0.1 - 1 % (weight)  
EC no. 201-289-8  
CAS no. 80-54-6

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- Acute toxicity

### 14. GERANYL ACETATE

Concentration 0.1 - 1 % (weight)  
CAS no. 105-87-3

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

### 15. CITRAL

Concentration 0.1 - 1 % (weight)  
EC no. 226-394-6  
CAS no. 5392-40-5  
Index no. 605-019-00-3

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

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible
If inhaled	Remove from exposure and move to fresh air immediately. Get medical assistance if cough or other symptoms develop.
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	Call a poison center or doctor if you feel unwell.
Personal protective equipment for first-aid responders	Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction. Symptoms/effects after eye contact : Eye irritation.

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

Skin contact: Irritation. May cause an allergic skin reaction.  
Eye contact: Eye irritation.

### 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

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

Take 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 in accordance with local, regional, state, national, and/or federal regulations.

#### 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust, fume, 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 area. Store away from heat, light, and sources of ignition.

#### 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. CITRAL (CAS: 5392-40-5)

TWA: 5 ppm (ACGIH)

Body weight eff; URT irr; eye dam; Skin; DSEN; A4 (Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data.)

#### 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

Wear respiratory protection.

##### Thermal hazards

No data available

##### Environmental exposure controls

Do not release into the environment.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)

Odor

Odor threshold

pH

Melting point/freezing point

Initial boiling point and boiling range

Flash point

Evaporation rate

Liquid, Light yellow/amber to yellow/amber

Characteristic, woody, musky, fresh, Matches retainer sample

No data available

No data available

No data available

No data available

98 °C

No data available

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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	1.003 (0.993 - 1.013)
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 : 1.517 (1.507 - 1.527)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None under normal use and transport conditions.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal use conditions.

### 10.4 Conditions to avoid

None under normal use conditions.

### 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

### Information on toxicological effects

#### Acute toxicity

2-(4-tert-Butylbenzyl)propionaldehyde  
LD50 Oral - 1,390 mg/kg

2-(4-tert-Butylbenzyl)propionaldehyde  
LD50 Skin - > 2,000 mg/kg

D-LIMONENE  
LD50 Oral - 4,400 mg/kg  
Citation: Sigma SDS

D-LIMONENE  
LD50 Skin - >5,000 mg/kg



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Citation: Sigma SDS

Linalool

LD50 Oral - 2,790 mg/kg

Linalool

LD50 Skin - 5,610 mg/kg

Linalyl acetate

LD50 Oral - 13,934 mg/kg

Remarks: Behavioral:General anesthetic. Behavioral:Somnolence (general depressed activity). Behavioral:Ataxia.

### Skin corrosion/irritation

Irritating to skin.

### Serious eye damage/irritation

Causes serious eye irritation.

### Respiratory or skin sensitization

May cause an allergic skin reaction

### Germ cell mutagenicity

Not Classified.

### Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

### Reproductive toxicity

Suspected of damaging fertility or the unborn child

### STOT-single exposure

No data available

### STOT-repeated exposure

Not classified

### Aspiration hazard

Not classified

### Additional information

Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact: Eye irritation

## SECTION 12: Ecological information

### Toxicity

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

2-(4-tert-Butylbenzyl)propionaldehyde

LC50 - Danio rerio (zebra fish) - 2.04 mg/l - 96 h

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2-(4-tert-Butylbenzyl)propionaldehyde

EC50 - Daphnia magna (water flea) - 9.84 mg/l - 48 h

2-(4-tert-Butylbenzyl)propionaldehyde

EC50 - Desmodesmus subspicatus (chodat) - 32.5 mg/l - 72 h

D-LIMONENE

LC50 - Pimephales promelas (fathead minnow) - 0.72 mg/l - 96 h

Citation: Sigma SDS

D-LIMONENE

EC50 - Daphnia magna (water flea) - 0.36 mg/l - 48 h

Citation: Sigma SDS

Linalool

LC50 - Oncorhynchus mykiss (rainbow trout) - 27.8 mg/l - 96 h

Linalool

EC50 - Daphnia magna (water flea) - 59 mg/l - 48 h

Linalool

EC50 - Desmodesmus subspicatus (green algae) - 156.7 mg/l - 48 h

#### Persistence and degradability

BENZYL BENZOATE (120-51-4)

Persistence and degradability: Readily biodegradable in water.

DIHYDROMYRCENOL (18479-58-8)

Persistence and degradability: Biodegradability in water: no data available.

GERANYL ACETATE (105-87-3)

Persistence and degradability: Readily biodegradable in water.

ThOD: 2.6 g O<sub>2</sub>/g substance

BUTYLPHENYL METHYLPROPIONAL (80-54-6)

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.

D-LIMONENE (5989-27-5)

Persistence and degradability: Readily biodegradable in water.

ThOD: 3.29 g O<sub>2</sub>/g substance

#### Bioaccumulative potential

BENZYL BENZOATE (120-51-4)

BCF fish 1: 2.286 (BCFBAF v3.00, Pisces, QSAR)

Log Pow: 3.97 (Experimental value, 25 °C)

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

DIHYDROMYRCENOL (18479-58-8)

Log Pow: 3.47 (Estimated value)

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

GERANYL ACETATE (105-87-3)

BCF other aquatic organisms 1: 1500 (Estimated value)

Log Pow: 4.04 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)

Bioaccumulative potential: Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ ).

BUTYLPHENYL METHYLPROPIONAL (80-54-6)

Log Pow: 4.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 24°C)

Bioaccumulative potential: Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ ).

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).

D-LIMONENE (5989-27-5)

BCF fish 1: 864.8 - 1022 (Pisces, QSAR, Fresh weight)

Log Pow: 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)

Bioaccumulative potential: Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ )

#### Mobility in soil

BENZYL BENZOATE (120-51-4)

Surface tension: 0.027 N/m (210 °C)

Log Koc: 3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)

Ecology - soil: Low potential for mobility in soil.

DIHYDROMYRCENOL (18479-58-8)

Ecology - soil: No (test)data on mobility of the substance available.

GERANYL ACETATE (105-87-3)

Log Koc: 3.06 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Ecology - soil: Low potential for mobility in soil.

BUTYLPHENYL METHYLPROPIONAL (80-54-6)

Log Koc: 3.11 (log Koc, PCKOCWIN v1.66, Calculated value)

Ecology - soil: Low potential for mobility in soil.

LINALYL ACETATE (115-95-7)

Ecology - soil: Adsorbs into the soil.

D-LIMONENE (5989-27-5)

Ecology - soil: Adsorbs into the soil.

#### Other adverse effects

Avoid release to the environment.

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### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents and/or 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 regulated

#### IATA

Not regulated.

### 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)

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

##### California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### SECTION 16: Other information

SDS Version: 1.0

Revision Date: 12/17/2018

#### 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

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