Safety Data Sheet
White Pepper Lavender Fragrance Oil

SECTION 1: Identification

1.1 Product identifier

Product name: White Pepper Lavender 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. 3
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Components**

1. Orange Oil
   - Concentration: >= 50 % (weight)
   - CAS no.: 8028-48-6
   - Flam. Liq. 3, H226
   - Skin Irrit. 2, H315
   - Skin Sens. 1, H317

**Precautionary statement(s)**

- P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233: Keep container tightly closed.
- P240: Ground/bond container and receiving equipment.
- P241: Use explosion-proof electrical/ventilating/lighting equipment.
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264: Wash hands, forearms, and face thoroughly after handling.
- P267: Wash contaminated work clothing before reuse.
- 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/doctor.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- 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.
- P363: Wash contaminated clothing before reuse.
- P370+P378: In case of fire: Use media other than water to extinguish.
- P403+P405: Store in a well-ventilated place. Keep cool.
- P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, state, national and/or international regulations.
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Asp. Tox. 1, H304

2. Oils, lavandin
Concentration 10 - 25 % (weight)
CAS no. 8022-15-9

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

3. 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
- Skin Sens. 1, H317

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. Oils, geranium
Concentration 1 - 5 % (weight)
CAS no. 8000-46-2

- Flam. Liq. 4, H227
- Skin Irrit. 2, H315
- Eye Dam. 1, H318
- Skin Sens. 1, H317
- Asp. Tox. 1, H304

6. 1,8-CINEOL
Concentration 1 - 5 % (weight)
CAS no. 470-82-6

- Flam. Liq. 3, H226
- Skin Sens. 1B, 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 exposed, concerned, or you feel unwell, seek medical advice. Show the label or this safety data sheet to the doctor in attendance.

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
Immediately remove all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.

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 lung edema
Skin Contact : Irritation
Eye Contact : Serious eye irritation
Ingestion : Nausea

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

5.2 Specific hazards arising from the chemical
Flammable liquid and vapor. 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.
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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
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/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
Ground/bond container and receiving equipment. Store in tightly closed containers in a cool, dry, 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

SECTION 8: Exposure controls/personal protection

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.
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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
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, color, etc.)</td>
<td>Liquid; Yellow to Amber to Dark Green</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic; Matching retainer sample</td>
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<tr>
<td>Odor threshold</td>
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<tr>
<td>pH</td>
<td>No data available</td>
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<tr>
<td>Melting point/freezing point</td>
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<td>Initial boiling point and boiling range</td>
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<td>Flash point</td>
<td>53 °C</td>
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<tr>
<td>Evaporation rate</td>
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<td>Flammability (solid, gas)</td>
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<td>Upper/lower flammability limits</td>
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<tr>
<td>Upper/lower explosive limits</td>
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<td>Vapor pressure</td>
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<tr>
<td>Vapor density</td>
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<td>Relative density</td>
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<td>Solubility(ies)</td>
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<td>Partition coefficient: n-octanol/water</td>
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<td>Auto-ignition temperature</td>
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<td>Decomposition temperature</td>
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<td>Viscosity</td>
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<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
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</tr>
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</table>

Other safety information
Refractive index : 1.47 (1.460 - 1.480)

SECTION 10: Stability and reactivity

10.1 Reactivity
Flammable liquid and vapor

10.2 Chemical stability
Stable under recommended usage, 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

Information on toxicological effects

Acute toxicity
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

EUCALYPTOL (470-82-6)
LD50 oral: 4500 mg/kg body weight (OECD 401: Acute Oral Toxicity, Experimental value, Oral, 14 day(s))
LD50 dermal: > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Experimental value, Dermal, 15 day(s))
ATE US (oral): 2480 mg/kg body weight

ORANGE OIL (8028-48-6)
LD50 oral: > 5000 mg/kg body weight (Equivalent or similar to OECD 401; Experimental value)
LD50 dermal: > 5000 mg/kg body weight (Experimental value; Equivalent or similar to OECD 402)

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
Not classified

Reproductive toxicity
Not classified

STOT-single exposure
Not classified

STOT-repeated exposure
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Aspiration hazard
May be harmful if swallowed and/or enters airways. Risk of lung edema.

SECTION 12: Ecological information

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

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: >= 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)

EUCALYPTOL (470-82-6)
LC50 fish 1: 57 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1: > 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 (algae): > 74 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

ORANGE OIL (8028-48-6)
LC50 fish 1: 702 μg/l (LC50; Equivalent or similar to OECD 203; 96 h; Pimephales promelas; Flow-through system; Fresh water; Read-across)
EC50 Daphnia 1: 0.67 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

Persistence and degradability
LINALOOL (78-70-6)
Persistence and degradability: Readily biodegradable in water.
Biochemical oxygen demand (BOD): 1.531 g O₂ /g substance
Chemical oxygen demand (COD): 2.808 g O₂ /g substance

LINALYL ACETATE (115-95-7)
Persistence and degradability: Readily biodegradable in water.

EUCALYPTOL (470-82-6)
Persistence and degradability: Readily biodegradable in water.

Bioaccumulative potential
LINALOOL (78-70-6)
Log Pow: 2.84 - 3.145
Bioaccumulative potential: Bioaccumable.

LINALYL ACETATE (115-95-7)
Log Pow: 3.93 (Experimental value)
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Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

EUCALYPTOL (470-82-6)
Log Pow: 3.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

ORANGE OIL (8028-48-6)
BCF other aquatic organisms 1: 32 - 395 (BCF; BCFWIN)
Log Pow: 2.78 - 4.88 (QSAR; KOWWIN)

Mobility in soil
LINALYL ACETATE (115-95-7)
Ecology - soil: Adsorbs into the soil.

EUCALYPTOL (470-82-6)
Surface tension: 61.5 mN/m (20 °C, 1 g/l, EU Method A.5: Surface tension)
Log Koc: 2.33 (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 adsorption in soil

Other adverse effects
No data available

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. Flammable vapors may accumulate in the container.

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
Transport document description: UN 1266 PERFUMERY PRODUCTS, 3, III
UN-No.: 1266
Proper Shipping Name: PERFUMERY PRODUCTS
Class: 3 - Flammable liquids
Packing group: III - substances presenting low danger
Limited quantities: 5 L

IATA

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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 are listed on the United States Toxic Substances Control Act (TSCA) inventory.

Canadian Domestic Substances List (DSL)
All components are listed on the Canadian Domestic Substances List (DSL).

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.

SECTION 16: Other information

SDS Version: 1.0
Revision Date: 12/21/2018

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 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.