SECTION 1: Identification

1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>Black Fig and Honey Fragrance Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand</td>
<td>Nature's Oil</td>
</tr>
</tbody>
</table>

1.3 Recommended use of the chemical and restrictions on use
No additional information available.

1.4 Supplier's details

<table>
<thead>
<tr>
<th>Name</th>
<th>Bulk Apothecary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>115 Lena Dr</td>
</tr>
<tr>
<td></td>
<td>Aurora OH 44202</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
<tr>
<td>Telephone</td>
<td>1-888-728-7612</td>
</tr>
<tr>
<td>email</td>
<td><a href="mailto:sales@bulkapothecary.com">sales@bulkapothecary.com</a></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>GHS classification in accordance with: OSHA (29 CFR 1910.1200)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Acute toxicity, oral, Cat. 4</td>
</tr>
<tr>
<td>- Carcinogenicity, Cat. 2</td>
</tr>
<tr>
<td>- Toxic to reproduction, Cat. 2</td>
</tr>
<tr>
<td>- Sensitization, skin, Cat. 1</td>
</tr>
</tbody>
</table>

2.2 GHS label elements, including precautionary statements

Pictogram

Hazard statement(s)
H302 Harmful if swallowed
H317 May cause an allergic skin reaction
H351 Suspected of causing cancer
H361 Suspected of damaging fertility or the unborn child

Precautionary statement(s)

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands, forearms, and face thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P302+P352 IF ON SKIN: Wash with plenty of water/...
P308+P313 IF exposed or concerned: Get medical advice/attention.
P321 Specific treatment (see supplemental first aid instruction on this label).
P330 Rinse mouth.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

1. BENZYL BENZOATE
Concentration >= 50 % (weight)
EC no. 204-402-9
CAS no. 120-51-4
Index no. 607-085-00-9

- Acute toxicity, Cat. 4302

2. 2(3H)-Furanone, 5-hexyldihydro-
Concentration 1 - 5 % (weight)
CAS no. 706-14-9

- Skin Irrit. 2, H315
Eye Irrit. 2, H319

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

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

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Eye Irrit. 2, H319
Skin Sens. 1, H317

4. Oils, geranium
Concentration 0.1 - 1 % (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

5. Hydroxycitronellal
Concentration 0.1 - 1 % (weight)
EC no. 203-518-7
CAS no. 107-75-5
- Skin Irrit. 2, H315
Eye Irrit. 2, H319
Skin Sens. 1, H317

6. ANISE OIL
Concentration 0.1 - 1 % (weight)
CAS no. 8007-70-3
- Flam. Liq. 4, H227
Skin Sens. 1, H317
Muta. 2, H341
Carc. 2, H351

7. Oils, spruce
Concentration 0.1 - 1 % (weight)
CAS no. 8008-80-8
- Flam. Liq. 3, H226
Skin Irrit. 2, H315
Eye Irrit. 2A, H319
Skin Sens. 1, H317
Asp. Tox. 1, H304

8. Linalyl acetate
Concentration 0.1 - 1 % (weight)
EC no. 204-116-4
CAS no. 115-95-7
- Flam. Liq. 4, H227

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Skin Irrit. 2, H315
Eye Irrit. 2, H319
Skin Sens. 1, H317

9. Oils, ginger
Concentration 0.1 - 1 % (weight)
CAS no. 8007-08-7

- Flam. Liq. 4, H227
Skin Irrit. 2, H315
Eye Irrit. 2A, H319
Skin Sens. 1, H317
Asp. Tox. 1, H304

10. 2-(4-tert-Butylbenzyl)propionaldehyde
Concentration 0.1 - 1 % (weight)
EC no. 201-289-8
CAS no. 80-54-6

- Acute toxicity

11. GERANYL ACETATE
Concentration 0.1 % (weight)
CAS no. 105-87-3

- Skin Irrit. 2, H315
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 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 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
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 thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention should irritation and symptoms occur.

4.2 Most important symptoms/effects, acute and delayed
Safety Data Sheet
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Inhalation : May cause respiratory irritation
Skin Contact : Skin irritation
Eye Contact : May cause 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
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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust, fumes, gas, mist, vapors, and/or spray.

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. 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 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
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.

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
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

- Appearance/form (physical state, color, etc.): Liquid; Colorless to Pale Yellow
- Odor: Characteristic, Matching retainer sample
- 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: 111 °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: 1.078 (1.068 - 1.088)
- Solubility(ies): Insoluble
- Partition coefficient: n-octanol/water: No data available
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

Information on toxicological effects

Acute toxicity

OIL, BLACK FIG & HONEY* (N/A)
ATE US (oral): 1974.724 mg/kg body weight

BENZYL BENZOATE (120-51-4)
LD50 oral: > 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Experimental value, Oral, 14 day(s))
LD50 dermal: > 2 ml/kg (Modification of Draize 1959 method, 4 h, Experimental value, Dermal)
ATE US (oral): 1500 mg/kg body weight
ATE US (dermal): 4000 mg/kg body weight

GAMMA DECALACTONE (706-14-9)
LD50 oral: 5000 mg/kg
ATE US (oral): 5000 mg/kg body weight

GERANYL ACETATE (105-87-3)
LD50 oral: 6300 mg/kg
ATE US (oral): 6300 mg/kg body weight

HYDROXOCITRONELLAL (107-75-5)
LD50 oral: > 5000 mg/kg
LD50 dermal: > 2000 mg/kg
p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6)
LD50 oral: 1390 mg/kg (Equivalent or similar to OECD 401, Experimental value, Oral, 14 day(s))
LD50 dermal: > 2000 mg/kg (Equivalent or similar to OECD 402, Experimental value, Dermal, 14 day(s))
LC50 inhalation: > 0.18 mg/l (IRT (inhalation risk test), 7 h, Experimental value, Inhalation (vapours), 14 day(s))
ATE US (oral): 1390 mg/kg body weight
ATE US (vapors): 0.05 mg/l/4h

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

ANISE OIL (8007-70-3)
ATE US (oral): 2200 mg/kg body weight

**Skin corrosion/irritation**
May cause slight skin irritation.

**Serious eye damage/irritation**
May cause slight eye irritation

**Respiratory or skin sensitization**
May cause an allergic skin reaction

**Germ cell mutagenicity**
Not classified

**Carcinogenicity**
May cause cancer

**Reproductive toxicity**
Suspected of damaging fertility or the unborn child

**STOT-single exposure**
Not classified

**STOT-repeated exposure**
Not classified

**Aspiration hazard**
Not classified

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**SECTION 12: Ecological information**

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

BENZYL BENZOATE (120-51-4)
LC50 fish 1: 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
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EC50 Daphnia 1: 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

GERANYL ACETATE (105-87-3)
LC50 fish 1: 68.12 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Read-across)
EC50 Daphnia 1: 14.1 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6)
LC50 fish 1: 2.04 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Flow-through system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1: 10.7 mg/l (Other, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

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)

Persistence and degradability
BENZYL BENZOATE (120-51-4)
Persistence and degradability: Readily biodegradable in water.

GAMMA DECALACTONE (706-14-9)
Persistence and degradability: Biodegradability in water: no data available.

GERANLYL ACETATE (105-87-3)
Persistence and degradability: Readily biodegradable in water.
ThOD: 2.6 g O₂ /g substance

HYDROXYCITRONELLAL (107-75-5)
Persistence and degradability: Readily biodegradable in water.
Chemical oxygen demand (COD): 2.65 g O₂ /g substance

p-t-Butyl-α-methylhydrocinnamic aldehyde (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 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

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

GAMMA DECALACTONE (706-14-9)
Bioaccumulative potential: No bioaccumulation data available.

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 ≥ Log Kow ≤ 5).

HYDROXYCITRONELLAL (107-75-5)
Log Pow: 2.11 (Estimated value)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

p-t-Butyl-α-methylhydrocinnamic aldehyde (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 ≥ Log Kow ≤ 5).

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

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

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.

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.

p-t-Butyl-α-methylhydrocinnamic aldehyde (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.

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.

Disposal of contaminated packaging

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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.

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**SECTION 14: Transport information**

**DOT (US)**
Not regulated

**IMDG**
Not applicable

**IATA**
Not applicable

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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 estragole, 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: 12/26/2018

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.