

# Bulk

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APOTHECARY

## Safety Data Sheet Thieves EO Blend 0008

### SECTION 1: Identification

#### 1.1 Product identifier

Product name Thieves EO Blend 0008

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
- Carcinogenicity, Cat. 1B
- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Germ cell mutagenicity, Cat. 2
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 2

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

##### Pictogram

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### Signal word

**Danger**

### 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
H341	Suspected of causing genetic defects
H350	May cause cancer
H371	May cause damage to organs

### 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.
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+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.
P308+P313	IF exposed or concerned: Get medical advice/attention.
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.
P363	Wash contaminated clothing 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.

### Statement regarding ingredients of unknown toxicity

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

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### Components

#### 1. Cinnamon oil

Concentration 10 - 25 % (weight)  
CAS no. 8015-91-6

- Flam. Liq. 4, H227  
Eye Irrit. 2A, H319  
Skin Sens. 1, H317  
Muta. 2, H341  
Carc. 1B, H350

#### 2. Eugenia caryophyllus bud extract

Concentration 10 - 25 % (weight)  
CAS no. 84961-50-2

- Eye Irrit. 2A, H319  
Skin Sens. 1B, H317

#### 3. Lemon oil

Concentration 10 - 25 % (weight)  
CAS no. 8008-56-8

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

#### 4. Eucalyptus oil

Concentration 10 - 25 % (weight)  
EC no. 283-406-2  
CAS no. 8000-48-4

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

#### 5. Rosemary oil

Concentration 10 - 25 % (weight)  
CAS no. 8000-25-7

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Eye Irrit. 2A, H319  
Skin Sens. 1B, H317  
STOT SE 2, H371  
Asp. Tox. 1, H304

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### 6. Eucalyptus oil, radiata

Concentration 1 - 5 % (weight)  
EC no. 295-995-3  
CAS no. 92201-64-4

- Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Eye Irrit. 2A, H319  
Skin Sens. 1, H317  
Asp. Tox. 1, H304

### 7. 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

## 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 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	Do not induce vomiting. Call a physician immediately.

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

Inhalation: May cause respiratory irritation  
Skin Contact: Irritation. May cause an allergic skin reaction  
Eye Contact: Eye irritation  
Ingestion: Nausea. Risk of lung edema

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

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### 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. Only qualified personnel equipped with suitable protective equipment may intervene. 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

Prevent entry to sewers and public waterways. Notify authorities should liquid enter sewers or public water sources.

### 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust, fumes, gas, mist, vapors, and/or spray. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. 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.

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### 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

### 8.1 Control parameters

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

REL-TWA (Inhalation): 10 mg/m<sup>3</sup> (total) (NIOSH)

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

#### 2. Rosemary oil (CAS: 8000-25-7)

REL-TWA (Inhalation): 10 mg/m<sup>3</sup> (NIOSH)

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

### 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

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.)

Odor

Liquid; Light Yellow Amber to Yellow Amber

Characteristic; Matching retainer sample

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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	86 °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	0.946 (0.936 - 0.956)
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: 1.493 (1.483 - 1.503)

## 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. Avoid storing in direct sunlight and avoid extremes of temperature.

### 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

CINNAMON LEAF OIL (8015-91-6)  
ATE US (oral) 2650 mg/kg bodyweight

CLOVE OIL (84961-50-2)  
ATE US (oral) 2650 mg/kg bodyweight

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ATE US (dermal) 2500 mg/kg bodyweight

EUCALYPTUS OIL (8000-48-4)  
ATE US (oral) 2569 mg/kg bodyweight

EUCALYPTUS OIL (92201-64-4)  
ATE US (oral) 2704 mg/kg bodyweight

#### **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**

Suspected of causing genetic defects

#### **Carcinogenicity**

May cause cancer

#### **Reproductive toxicity**

Not classified

#### **STOT-single exposure**

May cause damage to organs.

#### **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.

#### **Persistence and degradability**

No additional information available.

#### **Bioaccumulative potential**

No additional information available.

#### **Mobility in soil**

No additional information available.

#### **Results of PBT and vPvB assessment**

No additional information available.

#### **Other adverse effects**



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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 dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

### SECTION 15: Regulatory information

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

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

CINNAMON LEAF OIL (8015-91-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

CLOVE OIL (84961-50-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EUCALYPTUS OIL (8000-48-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EUCALYPTUS OIL (92201-64-4)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

LEMON OIL (8008-56-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

ROSEMARY OIL (8000-25-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

LEMON OIL TERPENES (68917-33-9)

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Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Canadian Domestic Substances List (DSL)

CINNAMON LEAF OIL (8015-91-6)

Listed on the Canadian DSL (Domestic Substances List)

CLOVE OIL (84961-50-2)

Listed on the Canadian DSL (Domestic Substances List)

EUCALYPTUS OIL (8000-48-4)

Listed on the Canadian DSL (Domestic Substances List)

EUCALYPTUS OIL (92201-64-4)

Not listed on the Canadian DSL (Domestic Substances List)

LEMON OIL (8008-56-8)

Listed on the Canadian DSL (Domestic Substances List)

ROSEMARY OIL (8000-25-7)

Listed on the Canadian DSL (Domestic Substances List)

ROSEMARY OIL (8000-25-7)

Listed on the Canadian DSL (Domestic Substances List)

LEMON OIL TERPENES (68917-33-9)

Listed on the Canadian DSL (Domestic Substances List)

### California Prop. 65 Components

WARNING! This product contains safrole, 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).

## SECTION 16: Other information

SDS Version: 1.0

Revision Date: 12/27/2018

### 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.