

# Bulk

APOTHECARY

## Safety Data Sheet Lemon Essential Oil

### SECTION 1: Identification

#### 1.1 Product identifier

|                |                     |
|----------------|---------------------|
| Product name   | Lemon Essential Oil |
| Product number | eo-241              |
| Brand          | Bulk Apothecary     |

#### 1.4 Supplier's details

|           |   |
|-----------|---|
| Name      | Bulk Apothecary                                 |
| Address   | 115 Lena Dr<br>Aurora OH 44202<br>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)

- Flammable liquids, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Aspiration hazard, Cat. 1

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

##### Pictogram



##### Hazard statement(s)

H226

Flammable liquid and vapor

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|      |  |
|------|--|
| H315 | Causes skin irritation                       |
| H317 | May cause an allergic skin reaction          |
| H304 | May be fatal if swallowed and enters airways |

### 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.   |
| P280           | Wear protective gloves/eye protection/face protection.  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P370+P378      | In case of fire: Use ... to extinguish.   |
| P403+P235      | Store in a well-ventilated place. Keep cool.  |
| P501           | Dispose of contents/container to ...  |
| P264           | Wash ... thoroughly after handling.   |
| P302+P352      | IF ON SKIN: Wash with plenty of water/...   |
| P321           | Specific treatment (see ... on this label).   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.  |
| P362+P364      | Take off contaminated clothing and wash it before reuse.  |
| P261           | Avoid breathing dust/fume/gas/mist/vapors/spray.  |
| P272           | Contaminated work clothing must not be allowed out of the workplace.                                |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.                                    |
| P363           | Wash contaminated clothing before reuse.  |
| P301+P310      | IF SWALLOWED: Immediately call a POISON CENTER/doctor/...   |
| P331           | Do NOT induce vomiting.   |
| P405           | Store locked up.  |
| P201           | Obtain special instructions before use.   |
| P202           | Do not handle until all safety precautions have been read and understood.                           |

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Lemon oil

|               |               |
|---------------|---------------|
| Concentration | 50 % (weight) |
| CAS no.       | 8008-56-8     |

- Flammable liquids, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Aspiration hazard, Cat. 1
- Hazardous to the aquatic environment, short-term (acute), Cat. 2

##### 2. Lemon Oil Terpenes

|               |                    |
|---------------|--------------------|
| Concentration | 25 - 50 % (weight) |
| CAS no.       | 68917-33-9         |

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### 3. CITRAL

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

- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1

|      |                                     |
|------|-------------------------------------|
| H315 | Causes skin irritation              |
| H317 | May cause an allergic skin reaction |

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

|                         |   |
|-------------------------|---|
| General advice          | Call a physician immediately.   |
| If inhaled              | Remove person to fresh air and keep comfortable for breathing.  |
| In case of skin contact | Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| In case of eye contact  | Rinse eyes with water as a precaution.  |
| If swallowed            | Do not induce vomiting. Call a physician immediately.   |

## 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

Flammable liquid and vapour.

### 5.3 Special protective actions for fire-fighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## 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.

### 6.2 Environmental precautions

Avoid release to 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

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waters.

### 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.

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

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

### 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)

#### 8.2 Appropriate engineering controls

Ensure good ventilation of the work station.

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

##### Eye/face protection

Safety glasses

##### Skin protection

Wear suitable protective clothing

##### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Appearance/form (physical state, color, etc.) | Yellow To green oil |
| Odor  | Lemon Peel          |
| Odor threshold                                |                     |
| pH  |                     |
| Melting point/freezing point                  |                     |
| Initial boiling point and boiling range       |                     |
| Flash point                                   | 48 °C               |
| Evaporation rate                              |                     |
| Flammability (solid, gas)                     |                     |
| Upper/lower flammability limits               |                     |
| Vapor pressure                                |                     |

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Vapor density  
Relative density 0.848 (0.840 - 0.857)  
Solubility(ies)  
Partition coefficient: n-octanol/water  
Auto-ignition temperature  
Decomposition temperature  
Viscosity  
Explosive properties  
Oxidizing properties

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Flammable liquid and vapour.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5 Incompatible materials

Strong oxidizing agents

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Not classified

##### Skin corrosion/irritation

Causes skin irritation.

##### Respiratory or skin sensitization

May cause an allergic skin reaction.

### SECTION 12: Ecological information

#### Toxicity

Toxic to aquatic life with long lasting effects.

#### Persistence and degradability

No additional information available

#### Bioaccumulative potential

No additional information available

#### Mobility in soil

No additional information available

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### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### Other disposal recommendations

Flammable vapors may accumulate in the container.

### SECTION 14: Transport information

#### DOT (US)

Not regulated

#### IMDG

UN Number: 1266

Class: 3 - Flammable liquids

Packing Group: III - substances presenting low danger

Proper Shipping Name: PERFUMERY PRODUCTS

#### IATA

UN Number: 1266

Class: 3 - Flammable liquids

Packing Group: III - substances presenting low danger

Proper Shipping Name: : PERFUMERY PRODUCTS

### SECTION 15: Regulatory information

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

##### New Jersey Right To Know Components

Lemon oil

CAS-No. 8008-56-8

##### Pennsylvania Right To Know Components

Lemon oil

CAS-No. 8008-56-8

##### Massachusetts Right To Know Components

Lemon oil

CAS-No. 8008-56-8

##### SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

#### 15.2 Chemical Safety Assessment

This product can expose you to myrcene, which is known to the State of California to cause cancer. For more information

go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

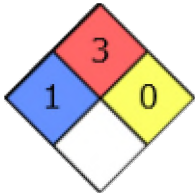
#### HMIS Rating

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## Lemon Essential Oil

| Lemon Essential Oil |   |
|---------------------|---|
| HEALTH              | 1 |
| FLAMMABILITY        | 3 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION |   |

### NFPA Rating



## SECTION 16: Other information

### 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.