

Bulk

APOTHECARY

Safety Data Sheet Orange Bitter Essential Oil

SECTION 1: Identification

1.1 Product identifier

Product name	Orange Bitter Essential Oil
Product number	eo-453
Brand	Bulk Apothecary

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)

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

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Danger

Hazard statement(s)

H226
H304
H315
H317
H411

Flammable liquid and vapor
May be fatal if swallowed and enters airways
Causes skin irritation
May cause an allergic skin reaction
Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P210
P233
P240
P241
P242
P243
P280
P303+P361+P353

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/eye protection/face protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of fire: Use ... to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container to ...
IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
Do NOT induce vomiting.
Store locked up.
Wash ... thoroughly after handling.
IF ON SKIN: Wash with plenty of water/...
Specific treatment (see ... on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

P370+P378
P403+P235
P501
P301+P310
P331
P405
P264
P302+P352
P321
P332+P313
P362+P364
P261
P272
P333+P313
P363

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. D-Limonene

Concentration	80 - 98 % (weight)
EC no.	227-813-5
CAS no.	5989-27-5

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 1
- Hazardous to the aquatic environment - long-term hazard, Cat. 1
- Sensitization, skin, Cat. 1

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- Skin corrosion/irritation, Cat. 2

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

2. LINALYN ACETATE

Concentration	5 % (weight)
CAS no.	115-95-7

3. 1,6-Octadiene, 7-methyl-3-methylene-

Concentration	4 % (weight)
CAS no.	123-35-3

4. CITRAL

Concentration	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

5. ALPHA-PINENE

Concentration	1 % (weight)
CAS no.	80-56-8

6. Decanal

Concentration	1 % (weight)
CAS no.	112-31-2

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If inhaled, removed to fresh air. Get medical attention if symptoms appear.
In case of skin contact	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

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In case of eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

If swallowed

Seek medical attention or contact local poison control center.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide. Do not use water.

5.2 Specific hazards arising from the chemical

Hazardous decomposition products may be formed at extreme heat or if burned.

5.3 Special protective actions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. D-Limonene (CAS: 5989-27-5 EC: 227-813-5)

TLV® (Inhalation): 20 ppm (ACGIH)

8.2 Appropriate engineering controls

Odor is inadequate to warn of overexposure.

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

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Pictograms



Eye/face protection

Use tightly sealed goggles.

Skin protection

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

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 brownish green liquid.
Odor	Characteristic fresh dry fruity-aromatic odor.
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	53 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	0.840 to 0.860 @ 20 °C
Solubility(ies)	Soluble in alcohol and oils. Insoluble in water.
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

This material presents no significant reactivity hazard.

10.2 Chemical stability

Chemically stable.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

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10.4 Conditions to avoid

Avoid sparks, flame and other heat sources.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon Oxides.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

Cas: 5989-27-5 (R) -p-mentha-1,8-diene

LD50 oral (rat) 4400mg/kg.

Skin corrosion/irritation

Adverse skin effects should be prevented by normal care and personal hygiene.

Serious eye damage/irritation

Possible irritation should be prevented by wearing safety glasses.

Aspiration hazard

Not available.

SECTION 12: Ecological information

Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14: Transport information

DOT (US)

UN Number: 1169

Class: 3

Packing Group: III

Proper Shipping Name: Extracts, aromatic, liquid

IMDG

UN Number: 1169

Class: 3

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Packing Group: III
Proper Shipping Name: Extracts, aromatic, liquid

IATA

UN Number: 1169
Class: 3
Packing Group: III
Proper Shipping Name: Extracts, aromatic, liquid

SECTION 15: Regulatory information

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

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

D-Limonene

Pennsylvania Right To Know Components

D-Limonene

New Jersey Right To Know Components

D-Limonene

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California Prop. 65 components

Chemical name: 1,6-Octadiene, 7-methyl-3-methylene-
CAS number: 123-35-3
03/27/2015 - Cancer

New Jersey Right To Know Components

Common name: alpha-PINENE
CAS number: 80-56-8

Pennsylvania Right To Know Components

Chemical name: Bicyclo[3.1.1]hept-2-ene, 2,6,6,trimethyl-
CAS number: 80-56-8

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15.2 Chemical Safety Assessment

See section 2.

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.