



Safety Data Sheet

Lemon Verbena Fragrance Oil

SECTION 1: Identification

1.1 Product identifier

Product name	Lemon Verbena Fragrance Oil
Product number	fragflav-932
Brand	Nature's Oil

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
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1
- Aspiration hazard, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

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Hazard statement(s)

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
H318	Causes serious eye damage

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 ... thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
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.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... 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.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use ... to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Lemon oil

Concentration	25 - 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

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2. Oils, lemongrass

Concentration 10 - 25 % (weight)
CAS no. 8007-02-1

3. Oils, bois de rose

Concentration 10 - 25 % (weight)
CAS no. 8015-77-8

4. Orange Oil

Concentration 10 - 25 % (weight)
CAS no. 8028-48-6

5. Oils, Litsea cubeba

Concentration 10 - 25 % (weight)
CAS no. 68855-99-2

6. Lemon Oil Terpenes

Concentration 5 - 10 % (weight)
CAS no. 68917-33-9

7. Oils, palmarosa

Concentration 5 - 10 % (weight)
CAS no. 8014-19-5

8. Oils, geranium

Concentration 0.1 - 1 % (weight)
CAS no. 8000-46-2

9. CASSIA OIL

Concentration 0.1 - 1 % (weight)
CAS no. 8007-80-5

10. Oils, galbanum

Concentration 0.1 - 1 % (weight)
CAS no. 8023-91-4

11. 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

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H315
H317

Causes skin irritation
May cause an allergic skin reaction

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove person to fresh air and keep comfortable for breathing.
In case of skin contact	Wash skin with plenty of water.
In case of eye contact	Rinse eyes with water as a precaution.
If swallowed	Call a poison center/doctor/physician if you feel unwell.

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

Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Specific hazards arising from the chemical

The product is non-reactive under normal conditions of use, storage and transport.

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

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

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation of the work station. Wear personal protective equipment. 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 in a well-ventilated place. Keep cool.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

REL-TWA (Inhalation): 10 mg/m³ (total) (NIOSH)

REL-TWA (Inhalation): 5 mg/m³ (resp) (NIOSH)

8.2 Appropriate engineering controls

Store in a well-ventilated place. Keep cool.

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

Pictograms



Eye/face protection

Safety glasses

Skin protection

Protective gloves

Body 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 amber liquid
Odor	Citrus, floral, woody
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	54 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	0.869 (0.859 - 0.879)
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	

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Explosive properties
Oxidizing properties

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not classified

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitization

May cause an allergic skin reaction.

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.

SECTION 13: Disposal considerations

Disposal of the product

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

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SECTION 14: Transport information

DOT (US)

Not regulated

IMDG

Not regulated

IATA

Not regulated

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

Please see section 2.

SECTION 16: Other information

16.1 Further information/disclaimer

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