

Safety Data Sheet Lemon Lime Flavor

SECTION 1: Identification

1.1 Product identifier

Product name	Lemon Lime Flavor
Product number	fragflav-189
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. 4
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Warning

Hazard statement(s)

H227
H314
H315
H319

Combustible liquid
Causes severe skin burns and eye damage
Causes skin irritation
Causes serious eye irritation

Precautionary statement(s)

P210
P260
P264
P280
P301+P330+P331
P302+P352
P303+P361+P353

P304+P340
P305+P351+P338

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of water/...
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor/...
Specific treatment (see ... on this label).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.
In case of fire: Use ... to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to ...

P310
P321
P332+P313
P337+P313
P362+P364
P363
P370+P378
P403+P235
P405
P501

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. BENZYL BENZOATE

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

- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

H302	Harmful if swallowed
H411	Toxic to aquatic life with long lasting effects

2. Terpenes and Terpenoids, lime-oil

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Concentration 10 - 25 % (weight)
CAS no. 68917-71-5

3. Lemon oil

Concentration 10 - 25 % (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

4. Linalool

Concentration 5 - 10 % (weight)
EC no. 201-134-4
CAS no. 78-70-6

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Hazardous to the aquatic environment - acute hazard, Cat. 3

H227 Combustible liquid
H315 Causes skin irritation
H319 Causes serious eye irritation
H402 Harmful to aquatic life

5. α -Terpineol

Concentration 10 - 20 % (weight)
EC no. 233-986-8
CAS no. 98-55-5

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity, single exposure, Cat. 3

H227 Combustible liquid
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

6. CITRAL

Concentration 1 - 5 % (weight)
EC no. 226-394-6
CAS no. 5392-40-5

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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

7. 1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-

Concentration 1 - 5 % (weight)
EC no. 202-794-6
CAS no. 99-85-4

8. p-Cymene

Concentration 1 - 5 % (weight)
CAS no. 99-87-6

9. Cyclohexene, 1-methyl-4-(1-methylethylidene)-

Concentration 1 - 5 % (weight)
EC no. 209-578-0
CAS no. 586-62-9

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. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If swallowed	Call a poison center/doctor/physician if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed

Irritation. May cause an allergic skin reaction.

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

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Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Specific hazards arising from the chemical

Combustible liquid.

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 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. 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.

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

Ensure good ventilation of the work station.

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

Pictograms



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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.)	Pale Yellow Liquid
Odor	Citrus
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	64 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	0.9886 (0.975 - 0.995)
Solubility(ies)	Insoluble.
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
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

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

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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 irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

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.

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

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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

Pennsylvania Right To Know Components

Linalool

CAS-No. 78-70-6

New Jersey Right To Know Components

Linalool

CAS-No. 78-70-6

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

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 302 Components

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

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.

New Jersey Right To Know Components

α -Terpineol

CAS-No. 98-55-5

Pennsylvania Right To Know Components

α -Terpineol

CAS-No. 98-55-5

Pennsylvania Right To Know Components

Chemical name: Benzene, 1-methyl-4-(1-methylethyl)-

CAS number: 99-87-6

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New Jersey Right To Know Components

Common name: TERPINOLENE

CAS number: 586-62-9

15.2 Chemical Safety Assessment

Please 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.