

Product: **Bergamot**5800 Park Vista Circle
Keller, TX 76244
Ph#1 (800) 929-9425
F#1 (817) 741-0879
Web: www.lonestarcandlesupply.com

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Print Date: 2019-10-08 13:00

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Bergamot

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Supplier: Lone Star Candle Supply, Inc.
5800 Park Vista Circle
Keller, TX 76244
Ph#1 (800) 929-9425
F#1 (817) 741-0879
Web: www.lonestarcandlesupply.com

1.4 Emergency telephone number

1 (817) 741-0876 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
International

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS

Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Aspiration Hazard, Category 1	H304 : May be fatal if swallowed and enters airways
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Aquatic Chronic Toxicity, Category 1	H410 : Very toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Aspiration Hazard, Category 1	H304 : May be fatal if swallowed and enters airways
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation

Classification Other

Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None ACGIH IARC NTP OSHA

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms





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Signal Word: Danger

Hazard statements

- H303 May be harmful if swallowed
- H304 May be fatal if swallowed and enters airways
- H313 May be harmful in contact with skin
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H333 May be harmful if inhaled
- H410 Very toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment

Response:

- P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
- P302 + P352 IF ON SKIN: Wash with soap and water
- P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse
- P363 Wash contaminated clothing before reuse
- P391 Collect Spillage

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	EC#	Conc. Range	GHS Classification
5989-27-5 <i>Limonene</i>	227-813-5	20 - 30 %	H226; H304; H315; H317; H400; H410
8007-35-0 <i>Terpineol acetate</i>	232-357-5	20 - 30 %	H316; H401; H411
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	10 - 20 %	H302; H313; H400; H411



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CAS# Ingredient	EC#	Conc. Range	GHS Classification
8050-15-5 <i>Methyl ester of rosin (partially hydrogenated)</i>	232-476-2	5 - 10 %	H402; H412
78-70-6 <i>Linalool</i>	201-134-4	5 - 10 %	H227; H303; H315; H317; H319; H402
115-95-7 <i>Linalyl Acetate</i>	204-116-4	2 - 5 %	H227; H315; H317; H320; H402
140-11-4 <i>Benzyl acetate</i>	205-399-7	2 - 5 %	H303; H401; H412
127-91-3 <i>β-Pinene</i>	204-872-5	2 - 5 %	H226; H304; H315; H317; H400; H410
5392-40-5 <i>Citral</i>	226-394-6	2 - 5 %	H313; H315; H317; H319; H401
127-41-3 <i>alpha-Ionone</i>	204-841-6	1 - 2 %	H316
99-85-4 <i>gamma-Terpinene</i>	202-794-6	1 - 2 %	H226; H303; H304; H316

See Section 16 for full text of GHS classification codes

See Section 16 for full text of GHS classification codes which were not shown in section 2

Total Hydrocarbon Content (% w/w) = 31.78

4. First Aid Measures

4.1 Description of first aid measures

- Inhalation:** Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
- Eye Exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- Skin Exposure:** Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
- Ingestion:** Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms:** no data available
- Risks:** Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment:** Refer to Section 2.2 "Response"

5. Fire-Fighting measures

5.1 Extinguishing media

- Suitable:** Carbon dioxide (CO2), Dry chemical, Foam
- Unsuitable:** Do not use a direct water jet on burning material



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5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component

ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
140-11-4	<i>Benzyl acetate</i>	10	
127-91-3	<i>β-Pinene</i>	20	

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

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Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Odor:	Conforms to Standard
Color:	Yellow Tint (G1) to Yellow (G0-5)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	>200 F (93.33 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.3894
%VOC:	0.39
Specific Gravity @ 25 C:	0.9340
Density @ 25 C:	0.9310
Refractive Index @ 20 C:	1.2681
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	None known

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 3469.8819) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 3403.9246) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 32.7322) May be harmful if inhaled



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Skin corrosion / irritation	May be harmful if inhaled
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	May be fatal if swallowed and enters airways

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Not classified - the classification criteria are not met
Chronic aquatic toxicity	Very toxic to aquatic life with long lasting effects
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

13. Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

Marine Pollutant Yes. Ingredient of greatest environmental impact :
5989-27-5 : (20 - 30 %) : Limonene

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated - Not Dangerous Goods			
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082



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IATA (Air Cargo)

Environmentally Hazardous Substance, Liquid, n.o.s. 9 III UN3082

IMDG (Sea)

Environmentally Hazardous Substance, Liquid, n.o.s. 9 III UN3082

15. Regulatory Information

U.S. Federal Regulations

TSCA (Toxic Substance Control Act) All components of the substance/mixture are listed or exempt

40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.

U.S. State Regulations

California Proposition 65 Warning This product contains the following components:

- 123-35-3 204-622-5 0.1 - 1.0 % beta-Myrcene
- 123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

Canadian Regulations

DSL 100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3 and not listed in section 2

- H226 : Flammable liquid and vapour
- H227 : Combustible liquid
- H302 : Harmful if swallowed
- H316 : Causes mild skin irritation
- H317 : May cause an allergic skin reaction
- H319 : Causes serious eye irritation
- H320 : Causes eye irritation
- H400 : Very Toxic to aquatic life
- H401 : Toxic to aquatic life
- H402 : Harmful to aquatic life
- H411 : Toxic to aquatic life with long lasting effects
- H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

- (TFV) Risk (152.75) Acute Toxicity Inhalation, Category 5
- (135.83) Aquatic Chronic Toxicity, Category 3
- (25.93) Sensitization, Skin, Category 1B
- (31.04) Sensitization, Skin, Category 1
- (6.89) Skin Corrosion/Irritation, Category 3
- (13.53) Aquatic Chronic Toxicity, Category 2
- (3.19) Aquatic Chronic Toxicity, Category 4
- (4.42) Skin Corrosion/Irritation, Category 2
- (1.47) Acute Toxicity Dermal, Category 5
- (3.18) Aspiration Hazard, Category 1
- (1.41) Eye Damage/Eye Irritation, Category 2
- (1.44) Acute Toxicity Oral, Category 5
- (1.21) Aquatic Chronic Toxicity, Category 1

Department issuing data sheet:

Department E-mail address:



Product: **Bergamot**

SDS v1 GHS / OSHA

Revised Date: 2019-07-22 00:00

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Remarks

This safety data sheet is based on the properties of the material known to Lone Star Candle Supply, Inc.™ at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Lone Star Candle Supply, Inc.™ holds no responsibility. This document is not intended for quality assurance purposes.