

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: Village Craft and Candle
158 Queen Street East
St. Marys Ontario N4X 1B5
(519) 284-9900 FAX 519-284-9966
https://villagecraftandcandle.com/

1.4 Emergency telephone number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 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 and (EC) No 1272/2008 (CLP)

Flammable Liquids, Category 4	H227: Combustible liquid
Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
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 1A	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Carcinogenicity, Category 1B	H350: May cause cancer
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child
Aquatic Acute Toxicity, Category 1	H400: Very Toxic to aquatic life
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIA Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation. 16 : Causes eye irritation. 19 : May cause photo-induced skin irritation.
Acute Inhalation	9 : Harmful if absorbed through the skin. 25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	2 : Harmful if swallowed 4 : Harmful if swallowed, can enter lungs and cause damage
Genotoxicity	36 : Suspected of causing genetic defects

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Reproductive/Developmental 39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response 31 : May cause allergic skin reaction.
Target Organ Effects 26 : Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, spleen, blood, stomach, brain, nasal cavity, bile duct, tongue, mucous membranes, musculo-skeletal system, male reproductive system.
28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin, testes
Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Danger

Hazard statements

H227	Combustible liquid
H303	May be harmful if swallowed
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
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P235	Keep cool
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

Response:

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
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P313	Get medical advice/attention

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P333 + P313

If skin irritation or a rash occurs: Get medical advice/attention

P337 + P313

If eye irritation persists: Get medical advice/attention

P362

Take off contaminated clothing and wash before reuse

P363

Wash contaminated clothing before reuse

P370 + P378

 In case of fire: Use Carbon dioxide (CO₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material

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	OSHA Classification
107-41-5	203-489-0	20 - 30 %	H319	11, 15
<i>2-Methyl-2,4-pentandiol</i>				
120-51-4	204-402-9	20 - 30 %	H302; H313; H400; H411	28, 3
<i>Benzyl Benzoate</i>				
104-55-2	203-213-9	2 - 5 %	H303; H312; H315; H317; H319; H401	10, 12, 16, 26, 31, 36
<i>Cinnamal</i>				
80-54-6	201-289-8	2 - 5 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39
<i>Butylphenyl Methylpropional</i>				
68647-72-3	232-433-8	2 - 5 %	H226; H304; H315; H317; H400; H410	12, 3, 31
<i>Limonene</i>				
2050-08-0	218-080-2	2 - 5 %	H302; H400; H410	
<i>Amyl salicylate</i>				
118-58-1	204-262-9	2 - 5 %	H303; H317; H320; H401; H412	31
<i>Benzyl Salicylate</i>				
78-70-6	201-134-4	2 - 5 %	H227; H303; H315; H317; H319; H402	12, 26
<i>Linalool</i>				
60-12-8	200-456-2	2 - 5 %	H302; H313; H316; H319	11, 15, 3
<i>phenethyl alcohol</i>				
115-95-7	204-116-4	1 - 2 %	H227; H315; H319; H402	
<i>Linalyl acetate</i>				



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32388-55-9	251-020-3	1 - 2 %	H316; H317; H400; H410	16, 19
<i>Acetyl cedrene</i>				
140-11-4	205-399-7	1 - 2 %	H303; H316; H401; H412	15, 25, 26, 31, 39
<i>Benzyl acetate</i>				
91-64-5	202-086-7	1 - 2 %	H302; H317; H402	12, 15, 2, 26, 31, 9
<i>Coumarin</i>				

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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
8000-34-8	284-638-7	1 - 2 %	H303; H304; H313; H316; H319; H401	12, 31, 36, 4
<i>Eugenia caryophyllus (Clove) leaf oil</i>				
121-33-5	204-465-2	1 - 2 %	H303; H319	31
<i>Vanillin</i>				
106-22-9	203-375-0	0.1 - 1.0 %	H303; H313; H315; H317; H319; H401	11, 15
<i>Citronellol</i>				
105-87-3	203-341-5	0.1 - 1.0 %	H315; H317; H401; H412	11, 15
<i>Geranyl acetate</i>				
106-24-1	203-377-1	0.1 - 1.0 %	H303; H315; H317; H318; H402	11, 15, 31
<i>Geraniol</i>				
32210-23-4	250-954-9	0.1 - 1.0 %	H303; H317; H401	11, 15
<i>4-tert-Butylcyclohexyl acetate</i>				
106-25-2	203-378-7	0.1 - 1.0 %	H303; H315; H317; H318; H401	15
<i>Nerol</i>				
97-54-1	202-590-7	0.1 - 1.0 %	H302; H312; H315; H317; H319; H401	12, 15, 3, 31, 9
<i>Iso Eugenol</i>				
8015-91-6	283-479-0	0.1 - 1.0 %	H227; H303; H313; H316; H319; H341; H350; H401; H412	11, 15, 31
<i>Oil Cinnamon Leaf Ceylon</i>				
104-54-1	203-212-3	0.1 - 1.0 %	H303; H317	11, 15, 31
<i>Cinnamyl Alcohol</i>				
127-91-3	204-872-5	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	11, 15, 24, 25, 31
<i>β-Pinene</i>				

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 5.08

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



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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

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 plastic and 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		OSHA	
	TWA ppm	STEL ppm	TWA ppm	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

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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.

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:	Conforms to Standard
Odor:	Conforms to Standard
Color:	Yellow Tint (G1) to Pale Yellow (G3)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	180 F (82.22 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0862
%VOC:	6.3931
Specific Gravity @ 25 C:	0.9840
Density @ 25 C:	0.9810
Refractive Index @ 20 C:	1.4905
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: 2,490.88) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 3,592.58) May be harmful in contact with skin

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Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 41.94) May be harmful if inhaled
Skin corrosion/irritation	Causes skin irritation
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	May cause cancer
Reproductive toxicity	Suspected of damaging fertility or the unborn child
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	Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Very Toxic to aquatic life
Chronic aquatic toxicity	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

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
IATA (Air Cargo)				

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Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
IMDG (Sea)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	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:
 94-59-7 202-345-4 <= 19 ppm Safrole (NFS)
 93-15-2 202-223-0 <= 12 ppm Methyl Eugenol (NFS)
 123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL 100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk	(TFV) Risk
(2.07) Skin Corrosion/Irritation, Category 2	(47.00) Sensitization, Skin, Category 1A
(4.93) Eye Damage/Eye Irritation, Category 2A	(1.60) Carcinogenicity, Category 1B
(1.50) Reproductive Toxicology, Category 2	(1.27) Aquatic Acute Toxicity, Category 1
(5.27) Aquatic Chronic Toxicity, Category 2	

Department E-mail address: info@vccandle.com

Remarks

This safety data sheet is based on the properties of the material known to Village Craft and Candle 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 Village Craft and Candle holds no responsibility. This document is not intended for quality assurance purposes.