

## Crafter's Choice™ Blueberry Lemon Verbena Fragrance Oil

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

#### 1.1 Product identifier

**Crafter's Choice™ Blueberry Lemon Verbena Fragrance Oil**

#### 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

Crafter's Choice Brands, LLC  
 7820 E. Pleasant Valley Road  
 Independence, Ohio 44131  
 Phone: 1-800-908-7028  
[www.Crafters-Choice.com](http://www.Crafters-Choice.com)

#### 1.4 Emergency telephone number (ChemTel - MIS3548100)

**(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 Regulation (EC) No 1272/2008

Flammable Liquids, Category 4	H227: Combustible liquid
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
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
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 15 : May cause
Acute Inhalation	23 : May cause respiratory tract irritation. 25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia
Acute Oral	2 : Harmful if swallowed
Reproductive/Developmental	39 : Causes reproductive/developmental
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, stomach, gastrointestinal tract, brain, tongue, mucous membranes, musculo-skeletal system, respiratory tract

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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                     |
| 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 H400                  |
|      | Very Toxic to aquatic life                      |
| H411 | Toxic to aquatic life with long lasting effects |

**Precautionary Statements**

**Prevention:**

- |      |   |
|------|---|
| 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                                      |

**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  |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. Continue rinsing      |
| 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 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**

## Crafter's Choice™ Blueberry Lemon Verbena Fragrance Oil

### 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
<b>68647-72-3</b> <i>Citrus aurantium var. dulcis</i>	232-433-8	20 - 30 %	H226; H304; H315; H317; H400; H410	12, 3, 31
<b>5392-40-5</b> <i>Citral</i>	226-394-6	10 - 20 %	H313; H315; H317; H319; H401	26
<b>78-70-6</b> <i>Linalool</i>	201-134-4	5 - 10 %	H227; H303; H315; H319; H402	12, 26
<b>140-11-4</b> <i>Benzyl acetate</i>	205-399-7	5 - 10 %	H303; H316; H401; H412	15, 25, 26, 31, 39
<b>105-95-3</b> <i>Ethylene brassylate</i>	203-347-8	5 - 10 %	H401	11, 15
<b>60-12-8</b> <i>phenethyl alcohol</i>	200-456-2	5 - 10 %	H302; H313; H316; H319	11, 15, 3
<b>77-83-8</b> <i>Ethyl methylphenylglycidate</i>	201-061-8	2 - 5 %	H317; H401; H411	11, 15
<b>98-55-5</b> <i>alpha-Terpineol</i>	202-680-6	2 - 5 %	H227; H303; H315; H319; H401	11, 15, 23
<b>115-95-7</b> <i>Linalyl acetate</i>	204-116-4	2 - 5 %	H227; H315; H319; H401; H402	
<b>18479-58-8</b> <i>2,6-dimethyloct-7-en-2-ol</i>	242-362-4	2 - 5 %	H227; H303; H316; H319; H402	11, 15
<b>68917-33-9</b> <i>Lemon oil terpenes</i>	284-515-8	2 - 5 %	H226; H304; H315; H400; H410	12, 3, 31
<b>105-87-3</b> <i>Geranyl acetate</i>	203-341-5	2 - 5 %	H315; H317; H401; H412	11, 15
<b>8000-48-4</b> <i>Eucalyptus globulus leaf oil</i>	283-406-2	2 - 5 %	H226; H303; H304; H313; H315; H319; H401; H411	11, 3, 31
<b>8014-17-3(P)</b> <i>Citrus Aurantium Amara (Bitter Orange) Leaf/Twig Oil</i>	277-143-2	2 - 5 %	H227; H315; H317; H318; H401; H411	12, 3, 31
<b>106-23-0</b> <i>Citronellal</i>	203-376-6	1 - 2 %	H227; H303; H315; H319; H401; H411	11, 15
<b>51566-62-2</b> <i>Citronellyl nitrile</i>	257-288-8	1 - 2 %	H303; H402	
<b>10094-34-5</b> <i>a , a-Dimethylphenethyl butyrate</i>	233-221-8	1 - 2 %	H316; H401; H411	11, 15
<b>88-41-5</b> <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	1 - 2 %	H227; H303; H316; H401; H411	12, 2

See Section 16 for full text of GHS classification codes

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Total Hydrocarbon Content (% w/w) = 25.38

**4. First Aid Measures****4.1 Description of first aid measures**

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

**4.2 Most important symptoms and effects, both acute and delayed**

<b>Symptoms:</b>	no data available
<b>Risks:</b>	Refer to Section 2.2 "Hazard Statements"

**4.3 Indication of any immediate medical attention and special treatment needed**

<b>Treatment:</b>	Refer to Section 2.2 "Response"
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**5. Fire-Fighting measures****5.1 Extinguishing media**

<b>Suitable:</b>	Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam
<b>Unsuitable</b>	Do not use a direct water jet on burning material

**5.2 Special hazards arising from the substance or mixture**

<b>During fire fighting:</b>	Water may be ineffective
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**5.3 Advice for firefighters**

<b>Further information:</b>	Standard procedure for chemical fires
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**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

**Crafter's Choice™ Blueberry  
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**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 TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
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<b>140-11-4</b>	<i>Benzyl acetate</i>			10
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**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.

**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:** Nearly

Colorless G0

**Viscosity:** Liquid

**Freezing Point:** Not determined

**Boiling Point:** Not determined

**Melting Point:** Not determined

**Flashpoint (CCCFP):** 142 F (61.11 C) **Auto**

**flammability:** Not determined **Explosive**

**Properties:** None Expected **Oxidizing**

**properties:** None Expected **Vapor Pressure**

**(mmHg@20 C):** 0.6853

**%VOC:** 36.7058

**Specific Gravity @ 25 C:** 0.9250

**Density @ 25 C:** 0.9220

**Refractive Index @ 20 C:** 1.4700

**Soluble in:** Oil

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**10. Stability and Reactivity**

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

**11. Toxicological Information**

**11.1 Toxicological Effects**

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

<b>Acute toxicity - Oral - (Rat) mg/kg</b>	(LD50: 4,173.62) May be harmful if swallowed
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	(LD50: 3,365.62) May be harmful in contact with skin
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	(LC50: 38.39) May be harmful if inhaled
<b>Skin corrosion / irritation</b>	Causes skin irritation
<b>Serious eye damage / irritation</b>	Causes serious eye irritation
<b>Respiratory sensitization</b>	Not classified - the classification criteria are not met
<b>Skin sensitization</b>	May cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	Not classified - the classification criteria are not met
<b>Carcinogenicity</b>	Not classified - the classification criteria are not met
<b>Reproductive toxicity</b>	Not classified - the classification criteria are not met
<b>Specific target organ toxicity - single exposure</b>	Not classified - the classification criteria are not met
<b>Specific target organ toxicity - repeated exposure</b>	Not classified - the classification criteria are not met
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways

**12. Ecological Information**

**12.1 Toxicity**

<b>Acute aquatic toxicity</b>	Very Toxic to aquatic life
<b>Chronic aquatic toxicity</b>	Toxic to aquatic life with long lasting effects
<b>Toxicity Data on soil</b>	no data available
<b>Toxicity on other organisms</b>	no data available

<b>12.2 Persistence and degradability</b>	no data available
<b>12.3 Bioaccumulative potential</b>	no data available
<b>12.4 Mobility in soil</b>	no data available
<b>12.5 Other adverse effects</b>	no data available

## Crafter's Choice™ Blueberry Lemon Verbena Fragrance Oil

### 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.
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b>				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
<b>IATA (Air Cargo)</b>				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
<b>IMDG (Sea)</b>				
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:  
 93-15-2 202-223-0 <= 5 ppm Methyl Eugenol (NFS)  
 123-35-3(NF 204-622-5 0.1 - 1.0 % 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
(2.74) Aspiration Hazard, Category 1	(5.61) Skin Corrosion/Irritation, Category 2 (10.15)
Sensitization, Skin, Category 1B	(5.67) Eye Damage/Eye Irritation, Category 2A
(1.01) Aquatic Acute Toxicity, Category 1	(10.29) Aquatic Chronic Toxicity, Category 2

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2016-03-10**Remarks**

This safety data sheet is based on the properties of the material known to Crafter's Choice™ 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 Crafter's Choice™ holds no responsibility. This document is not intended for quality assurance purposes.