



Safety Data Sheet

Lily of the Valley Fragrance Oil (V000185)

September 1, 2021

Section 1: Chemical Product and Company Identification

Product name:	Lily of the Valley Fragrance Oil
Contact Info:	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
Emergency Phone Number:	Within USA & Canada: 1.800.424.9300 CCN693143 Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 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)

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 3	H316: Causes mild skin irritation
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Acute Toxicity Oral, Category 5	
Acute Toxicity Dermal, Category 5	
Skin Corrosion/Irritation, Category 2	
Sensitization, Skin, Category 1B	
Eye Damage/Eye Irritation, Category 1	H318: Causes serious eye damage
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
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 IIIB Combustible Liquid
Acute Dermal/Eye	12 : Causes skin irritation. 15 : May cause eye irritation.



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Acute Inhalation 25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.

Acute Oral 3 : May be harmful if swallowed .

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, stomach, brain, 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 does not contain any ingredients identified as carcinogens, at 0.1% or greater.

Hazard statements

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

H318 Causes serious eye damage

H333 May be harmful if inhaled

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

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

P310 Immediately call a POISON CENTER or doctor/physician

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

Section 3: Composition/Information on Ingredients

CAS #	Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
120-51-4	<i>Benzyl Benzoate</i>	204-402-9	30 - 40 %	H302; H313; H400; H411	28,3



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101-86-0	<i>Hexyl cinnamaldehyde</i>	202-983-3	20 - 30 %	H303; H316; H317; H400; H411	11, 15
60-12-8	<i>phenethyl alcohol</i>	200-456-2	10 - 20 %	H302; H313; H316; H319	11, 15, 3
80-54-6	<i>Butylphenyl Methylpropional</i>	201-289-8	5 - 10 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39
106-22-9	<i>Citronellol</i>	203-375-0	5 - 10 %	H303; H313; H315; H317; H319; H401	11, 15
106-24-1	<i>Geraniol</i>	203-377-1	2 - 5 %	H303; H315; H317; H318; H401	11, 15, 31
78-70-6	<i>Linalool</i>	201-134-4	2 - 5 %	H227; H303; H315; H319; H402	12, 26
104-54-1	<i>Cinnamyl Alcohol</i>	203-212-3	2 - 5 %	H303; H317	11, 15, 31
140-11-4	<i>Benzyl acetate</i>	205-399-7	1 - 2 %	H303; H316; H401; H412	15, 25, 26, 31, 39

Total Hydrocarbon Content (% w/w) = 0.00

Section 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"

Section 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 firefighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires **Section 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

Section 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

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters Exposure

Limits:

Component	ACHIH TWA ppm
140-11-4 <i>Benzyl acetate</i>	10

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.

Section 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 (G0/G1)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint:	>200 F (93.33 C)
Auto flammability:	Not determined



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Explosive Properties: None Expected **Oxidizing properties:** None Expected **Vapor Pressure (mmHg@20 C):** 0.0076 **%VOC:** 1.5 **Specific Gravity @ 25 C:** 1.0040 **Density @ 25 C:** 1.0010 **Refractive Index @ 20 C:** 1.5300 **Soluble in:** Oil

Section 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

Section 11: Toxicological Information

11.1 Toxicological Effects

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

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 2,049.18) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 2,178.65) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 46.11) May be harmful if inhaled
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye damage
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	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

Section 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



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12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

Section 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.

Section 14: Transport Information

Regulator	Classification	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)	Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IMDG (Sea)	Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082

Section 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 No Warning required **Canadian**

Regulations:

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

Section 16: Other Information

GHS H-Statements referred to under section 3 Total Fractional Values

(TFV) Risk

(TFV) Risk

(2.40) Skin Corrosion/Irritation, Category 2

(21.00) Sensitization, Skin, Category 1B

(1.33) Eye Damage/Eye Irritation, Category 1

(3.00) Reproductive Toxicology, Category 2

(2.24) Aquatic Acute Toxicity, Category 1

(2.60) Aquatic Chronic Toxicity, Category 2

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only



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