

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Lily of the Valley Fragrance Oil
Product Code: 303-631X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, Utah 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com
- 1.4 Emergency Telephone Number**
No additional information available.

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 2	H315: Causes skin irritation.
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction.
Eye Damage/Irritation, Category 1	H318: Causes serious eye damage.
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled.
Reproductive Toxicology, Category 1B	H360: May damage 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 (Provision 1910.1200 of Title 29)

Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction.
Eye Damage/Irritation, Category 1	H318: Causes serious eye damage.
Reproductive Toxicology, Category 1B	H360: May damage fertility or the unborn child.
Aquatic Acute Toxicity, Category 1	H400: Very toxic to aquatic life.

Classification Other

Carcinogenicity	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []
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2.2 Label Elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard Pictograms



Signal Word: Danger.

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
H360	May damage 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 the 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 IN 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 so. 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.

2.3 Other Hazards

No data available.

SECTION 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 Class.
120-51-4	204-402-9	30-40%	H302; H313; H400; H411
<i>Benzyl Benzoate</i>			
101-86-0	202-983-3	20-30%	H303; H316; H317; H400; H411
<i>Hexyl cinnamal</i>			

CAS # Ingredient	EC#	Conc. Range	GHS Class.
60-12-8	200-456-2	10-20%	H302; H313; H316; H319
<i>phenethyl alcohol</i>			
80-54-6	201-289-8	5-10%	H227; H30; H315; H317; H361 H401; H412
<i>Butylphenyl Methylpropional</i>			
106-24-1	203-377-1	2-5%	H303; H315; H317; H318; H402
<i>Geraniol</i>			
106-22-9	203-375-0	2-5%	H303; H313; H315; H317; H319; H401
<i>Citronellol</i>			
106-25-2	203-378-7	2-5%	H303; H315; H317; H318; H401
<i>Nerol</i>			
104-54-1	203-299-7	2-5%	H303; H317
<i>Cinnamyl Alcohol</i>			
140-11-4	205-399-7	1-2%	H303; H316; H401; H412
<i>Benzyl acetate</i>			
78-70-6	201-134-4	1-2%	H227; H303; H315; H317; H319; H402
<i>Linalool</i>			

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

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 Contact: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Contact: 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/Effects, Acute and Delayed

Symptoms: No data available.

Risks: Refer to Section 2.2 "Hazard Statements".

4.3 Indication of Immediate Medical Attention and Special Treatment Needed

Treatment: Refer to Section 2.2 "Response".

SECTION 5: Firefighting 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.

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 spillage 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	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL 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:	Liquid
Odor:	Conforms to Standard
Color:	Nearly Colorless (G0) to Yellow Tint (G1)
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@20C):	0.0067
%VOC:	1.5
Specific Gravity @ 25 C:	1.0130
Density @ 25 C:	1.0100
Refractive Index @ 20 C:	1.5350
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 individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute Toxicity-Oral-(Rat) mg/kg	(LD50: 2074.6887) May be harmful if swallowed.
Acute Toxicity-Dermal (Rabbit) mg/kg	(LD50: 2364.0661) May be harmful in contact with skin.
Acute Toxicity-Inhalation (Rat) mg/L/4hr	(LC50: 51.0751) 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	May damage 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.

12.4 Mobility in Soil No data available.

12.5 Other Adverse Effects

No data available.

SECTION 13: Disposal Considerations

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

14.1 Transport Information

Marine Pollutant: Yes. Ingredient of greatest environmental impact:
120-51-4 (30-40%) Benzyl Benzoate

Regulator	Class	Pack Group	UN-Nr.
U.S. DOT (Non-Bulk)	Not regulated - Not Dangerous Goods		
<i>Chemical NOI</i>			
ADR/RID (International Road/Rail)			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082
IATA (Air Cargo)			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082
IMDG (Sea)			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082

SECTION 15: Regulatory Information

15.1 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

15.2 U.S. State Regulations

California Proposition 65 Warning

No warning required.

15.3 Canadian Regulations

DSL/NDSL

100.00% of the components are listed or exempt.

SECTION 16: Other Information

16.1 GHS H-Statements Referred to Under Section 3 and Not Listed in Section 2

H227: Combustible liquid.

H302: Harmful if swallowed.

H316: Causes mild skin irritation.

H319: Causes serious eye irritation.

H401: Toxic to aquatic life.

H402: Harmful to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

16.2 Total Fractional Values

(TFV) Risk

(97.89) Acute Toxicity Inhalation, Category 5

(23.62) Aquatic Chronic Toxicity, Category 3

(7.11) Eye Damage/Irritation, Category 2A

(2.74) Aquatic Chronic Toxicity, Category 4

(2.32) Aquatic Chronic Toxicity, Category 2

(2.12) Acute Toxicity Dermal, Category 5

(1.60) Eye Damage/Irritation, Category 1

(TFV) Risk

(30.00) Reproductive Toxicology, Category 1B

(21.00) Sensitization, Skin, Category 1B

(5.78) Skin Corrosion/Irritation, Category 3

(2.41) Acute Toxicity Oral, Category 5

(2.32) Aquatic Acute Toxicity, Category 1

(2.02) Skin Corrosion/Irritation, Category 2

Notes:

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