TheSage.com
Majestic Mountain Sage Inc ®

Ginger Milk Fragrance Oil
Safety Data Sheet

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

1.1 Product Name: Ginger Milk Fragrance Oil
Product Code: 303-169X

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

GHS US Classification

Flammable Liquids, Category 4	H227: Combustible liquid.
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Sensitization, Skin, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.

2.2 Label Elements

Hazard Pictograms

Signal Word: Warning.

Hazard Statements

H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction .
H351	Suspected of causing cancer.

Precautionary Statements

Prevention:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.
P261	Avoid breathing mist or vapor.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/face protection.

Response:

P302+P352	IF ON SKIN: Wash with plenty of water.
P308+P313	If exposed or concerned: get medical advice/attention.
P321	Specific treatment (see supplemental first aid instruction on this label).
P333+P313	If skin irritation or rash occurs: get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothes before reuse.
P370+P378	In case of fire: use appropriate media to extinguish.

Storage:

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal:

P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.

2.3 Other Hazards

No additional information available.

SECTION 3: Composition/Information on Ingredients

3.1 Mixtures

CAS # Ingredient	Conc. Range	GHS US Classification
5989-27-5	10-30%	H226; H304; H315; H317
d-Limonene		
120-51-4	10-30%	H302
Benzyl Benzoate		
21145-77-7	1-5%	H302
Tonalid		
470-82-5	1-2%	H226; H317
Eucalyptol		
97-53-0	1-5%	H317; H319
Eugenol		
127-91-3	1-2%	H226; H304; H315; H317
beta-Pinene		
123-35-3	< 0.5%	H226; H304; H315; H319; H351
Myrcene		
2705-87-5	< 0.5%	H302; H312; H317; H332
Allyl Cyclo Hexyl Propionate		
115-95-7	< 0.5%	H227; H315; H317; H319
Linalyl acetate		
5989-54-6	< 0.5%	H226; H304; H315; H317
I-Limonene		
5392-40-5	< 0.5%	H315; H317; H319
Citral 82		

For full text of H-Statements see Section 16.

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General Information: If exposed or concerned: get medical advice/attention.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If irritation persists: get medical advice/attention.

Skin Contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: get medical advice/attention.

Eye Contact: Rinse eyes with water as a precaution. If irritation persists: get medical advice/attention.

Ingestion: Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

4.2 Most Important Symptoms/Effects, Acute and Delayed

Skin Contact: Irritation. May cause an allergic skin reaction.

4.3 Indication of Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Water spray. Dry powder. Foam. Carbon dioxide (CO_2).

Unsuitable: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Specific Hazards Arising from the Chemical

Combustible liquid.

5.3 Advice for Firefighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not attempt to take action without suitable protective equipment. For further information refer to Section 8.

6.2 Methods and Materials for Containment and Cleaning Up

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or slid residues at an authorized site.

6.3 Environmental Precautions

Avoid release to the environment.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene Measures:

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a well-ventilated place. Keep cool. Store locked up.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

The following components have exposure limits:

Citral 82 (5392-40-5)		
ACGIH	Local Name	Citral
ACGIH	ACGIH TWA (ppm)	5 ppm (IFV - Inhalable fraction and vapor)
ACGIH	Remark (ACGIH)	TLV Basis: Body weight eff; URT irr; eye dam. Notations: Skin; DSEN; A4 (Not classifiable as a Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2018

8.2 Appropriate Engineering Controls:

Ensure good ventilation of the work station. Avoid release to the environment.

8.3 Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection: Safety glasses.

Skin/Hand Protection: Protective gloves. Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal Hazards: Wear appropriate thermal protective clothing, when necessary.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Colorless to light yellow
Physical State: Liquid
Form: Liquid
Color: Not available
Odor: Characteristic of name
Odor Threshold: Not available
pH: Not available
Melting/Freezing Point: Not available

Initial Boil Point/Range:	Not available
Flash Point:	152.6°F (67°C)
Evaporation Rate:	Not available
Flammability (solid, gas):	Not applicable
Vapor Pressure:	Not available
Vapor Pressure Temperature:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Solubility(ies)	
Solubility (Water):	NO
Solubility (Other):	Not available
Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available
Explosive Properties:	Not available
Oxidizing Properties:	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to Avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5 Incompatible Materials

No additional information available.

10.6 Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity (Oral): Not classified.
Acute Toxicity (Dermal): Not classified.
Acute Toxicity (Inhalation): Not classified.

Allyl Cyclo Hexyl Propionate (2705-87-5)	
ATE US (oral)	480 mg/kg body weight
ATE US (dermal)	1600 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Benzyl Benzoate (120-51-4)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2 mg/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight

d-Limonene (5989-27-5)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity - Acute Toxic Class Method, Rat, Female, Read-across, Oral)
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit. Weight of evidence, Dermal)

Eucalyptol (470-82-6)	
ATE US (oral)	2480 mg/kg body weight

Eugenol (97-53-0)	
ATE US (oral)	2300 mg/kg body weight

Citral (82 (5392-40-5)	
ATE US (dermal)	2250 mg/kg body weight

Tonalid (21145-77-7)	
ATE US (oral)	1000 mg/kg body weight

Skin Corrosion/Irritation: Causes skin irritation.
Serious Eye Damage/Irritation: Not classified.
Respiratory Sensitization: Not a respiratory sensitizer.
Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified.
Carcinogenicity: Suspected of causing cancer.

d-Limonene (5989-27-5)	
IARC group	3 - Not classifiable

Myrcene (123-35-3)	
IARC group	2B - Possibly carcinogenic to humans

Eugenol (97-53-0)	
IARC group	3 - Not classifiable

Reproductive Toxicity: Not classified.
Specific Target Organ Toxicity Single Exposure: Not classified.
Specific Target Organ Toxicity Repeated Exposure: Not classified.
Aspiration Hazard: Not an aspiration hazard.
Viscosity, Kinematic: No data available.

SECTION 12: Ecological Information

12.1 Ecotoxicity

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Benzyl Benzoate (120-51-4)	
LC50 fish 1	2.32 mg/l (EU Method C.1, 96 h Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC Daphnia 1	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilization Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

d-Limonene (5989-27-5)	
LC50 fish 1	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC Daphnia 1	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilization Test, 48 h, Daphnia magna, Static system fresh water, Experimental value, GLP)

12.2 Persistence and Degradability

Benzyl Benzoate (120-51-4)	
Persistence and Degradability	Readily biodegradable in water.

d-Limonene (5989-27-5)	
Persistence and Degradability	Readily biodegradable in water.
ThOD	3.29 g O_2/g substance

12.3 Bioaccumulative Potential

Benzyl Benzoate (120-51-4)	
BCF fish 1	2.286 (BCFBAF v3.00, Pisces, QSAR)
Low Pow	3.97 (Experimental value, 25°C)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4)

d-Limonene (5989-27-5)	
BCF fish 1	864.8 - 1022 (Pisces, QSAR, Fresh weight)
Low Pow	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC Method, 37°C)
Bioaccumulative Potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

12.4 Mobility in Soil

Benzyl Benzoate (120-51-4)	
Surface tension	0.027 N/m (210°C)
Log Koc	3.8 (Log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on soil and on sewage sludge using high performance liquid chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.

d-Limonene (5989-27-5)	
Ecology - soil	Adsorbs into the soil.

12.5 Other Adverse Effects

No additional information available.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport Information

14.1 Department of Transportation (DOT)

Transport Document Description: UN3082 Environmentally hazard substances, liquid, n.o.s. (BENZYL BENZOATE (120-51-4), 9, III

UN No.: UN3082

Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. BENZYL BENZOATE (120-51-4)

Class: 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

Packing Group: III - Minor Danger

Hazard Labels: 9 - Class 9 (Miscellaneous dangerous materials)

Packaging Non Bulk (49 CFR 173.xxx): 203

Packaging Bulk (49 CFR 173.xxx): 241

DOT Symbols: G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102):

8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description “Other regulated substances, liquid, or solid, n.o.s.”, as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as “Environmentally hazardous substances, solid, n.o.s.,” UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N_; Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2) Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F). Or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr-tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees Celsius of the liquid during filling.
TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 Times the MAWP.

Packaging Exceptions (49 CFR 173.xxx):	155
Quantity Limitations Passenger Aircraft/rail:	No limit
Quantity Limitations Cargo Aircraft Only:	No limit
Vessel Stowage Location:	A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.
Emergency Response Guide Number:	171

14.2 Transportation of Dangerous Goods

Not applicable.

14.3 Transport by Sea

Transport Document Description:	UN3082 ENVIRONMENTALLY HAZARD SUBSTANCES, LIQUID, N.O.S. (BENZYL BENZOATE (120-51-4), 9, III
UN No.:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.
Class:	9 - Class 9 - Miscellaneous dangerous substances and articles
Packing Group:	III - substances presenting low danger
Limited Quantities:	5 L

14.4 Air Transport

Transport Document Description:	UN3082 Environmentally hazard substances, liquid, n.o.s. (BENZYL BENZOATE (120-51-4), 9, III
UN No.:	UN3082
Proper Shipping Name:	Environmentally hazardous substances, liquid, n.o.s.
Class:	9 - Miscellaneous dangerous goods
Packing Group:	III - Minor Danger

SECTION 15: Regulatory Information

15.1 US Federal Regulations

All components of this product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable deminimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2 International Regulations

Canada

Allyl Cyclo Hexyl Propionate (2705-87-5)	Listed on the Canadian DSL (Domestic Substances List)
Benzyl Benzoate (120-51-4)	Listed on the Canadian DSL (Domestic Substances List)
d-Limonene (5989-27-5)	Listed on the Canadian DSL (Domestic Substances List)
Myrcene (123-35-3)	Listed on the Canadian DSL (Domestic Substances List)
beta-Pinene (127-91-3)	Listed on the Canadian DSL (Domestic Substances List)
Linalyl acetate (115-95-7)	Listed on the Canadian DSL (Domestic Substances List)
Eucalyptol (470-82-5)	Listed on the Canadian DSL (Domestic Substances List)
Eugenol (97-53-0)	Listed on the Canadian DSL (Domestic Substances List)
l-Limonene (5989-54-8)	Listed on the Canadian DSL (Domestic Substances List)
Citral 82 (5392-40-5)	Listed on the Canadian DSL (Domestic Substances List)
Tonalid (21145-77-7)	Listed on the Canadian DSL (Domestic Substances List)

EU Regulations

No additional information available.

National Regulations

Myrcene (123-35-3)	Listed on IARC (International Agency for Research on Cancer)

SECTION 16: Other Information

16.1 Full Text of H-Statements

H226: Flammable liquid and vapor.
H227: Combustible liquid.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H351: Suspected of causing cancer.

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.