

Safety Data Sheet

Product: **SERENDIPITY**Page 1 of 7
2018-07-31

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

1.1 Product identifier

Trade Name: SERENDIPITY

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

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)

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Aquatic Acute Toxicity, Category 2	H401: Toxic to aquatic life
Aquatic Chronic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	10 : May be harmful if absorbed through the skin. 12 : Causes moderate skin irritation. 16 : Causes eye irritation.
Acute Inhalation	23 : May cause respiratory tract irritation. 25 : Inhalation at high levels may cause: difficulty in breathing.
Acute Oral	2 : Harmful if swallowed
Genotoxicity	36 : Suspected of causing genetic defects
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, liver, thymus gland, testes, brain. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
Carcinogenicity	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

Safety Data Sheet

Product: **SERENDIPITY**Page 2 of 7
2018-07-31

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

Hazard statements

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

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
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
P363	Wash contaminated clothing before reuse

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
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	20 - 30 %	H302; H313; H400; H411	28, 3
104-50-7 <i>gamma-Octalactone</i>	203-208-1	5 - 10 %	H303	11, 15
104-61-0 <i>gamma-Nonalactone</i>	203-219-1	2 - 5 %	H316	12, 15
100-52-7 <i>Benzaldehyde</i>	202-860-4	2 - 5 %	H227; H302; H316; H319; H332; H335; H401	10, 11, 15, 23, 25, 26, 3, 31, 36, 39

Safety Data Sheet

Product: **SERENDIPITY**Page 3 of 7
2018-07-31

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
121-32-4 <i>Ethyl vanillin</i>	204-464-7	2 - 5 %	H303; H320; H402	
4940-11-8 <i>Ethyl maltol</i>	225-582-5	1 - 2 %	H302	2
7452-79-1 <i>Ethyl 2-methylbutyrate</i>	231-225-4	1 - 2 %	H226	
91-64-5 <i>Coumarin</i>	202-086-7	0.1 - 1.0 %	H302; H317; H402	12, 15, 2, 26, 31, 9
78-70-6 <i>Linalool</i>	201-134-4	0.1 - 1.0 %	H227; H303; H315; H317; H319; H402	12, 26

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.00

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"
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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
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5.3 Advice for firefighters

Further information:	Standard procedure for chemical fires
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Safety Data Sheet

Product: **SERENDIPITY**Page 4 of 7
2018-07-31

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: Contains no substances with occupational exposure limit values

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: Liquid

Odor: Conforms to Standard

Color: Colorless

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Safety Data Sheet

Product: **SERENDIPITY**Page 5 of 7
2018-07-31

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@20 C):	0.1163
%VOC:	4.65
Specific Gravity @ 25 C:	0.9774
Density @ 25 C:	0.9744
Refractive Index @ 20 C:	1.4780
Soluble in:	Not determined

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: 3,064.42) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4,034.41) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 156.31) May be harmful if inhaled
Skin corrosion / irritation	Not classified - the classification criteria are not met
Serious eye damage / irritation	Not classified - the classification criteria are not met
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	Not classified - the classification criteria are not met
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

Safety Data Sheet

Product: **SERENDIPITY**Page 6 of 7
2018-07-31

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Toxic to aquatic life
Chronic aquatic toxicity	Harmful 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) Chemicals NOI	Not Regulated - Not Dangerous Goods			
IATA (Air Cargo) Chemicals NOI	Not Regulated - Not Dangerous Goods			
IMDG (Sea) Chemicals NOI	Not Regulated - Not Dangerous Goods			

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
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Canadian Regulations:

DSL / NDSL	99.90% of the components are listed or exempt.
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Safety Data Sheet

SDS Type: GHS / OSHA

Product: **SERENDIPITY**

Page 7 of 7
2018-07-31

16. Other Information

GHS H-Statements referred to under section 3

H226 : Flammable liquid and vapour

H302 : Harmful if swallowed

H316 : Causes mild skin irritation

H320 : Causes eye irritation

H335 : May cause respiratory irritation

H402 : Harmful to aquatic life

H227 : Combustible liquid

H315 : Causes skin irritation

H319 : Causes serious eye irritation

H332 : Harmful if inhaled

H400 : Very Toxic to aquatic life

H411 : Toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(4.00) Sensitization, Skin, Category 1B

(8.68) Aquatic Chronic Toxicity, Category 3

(TFV) Risk

(8.78) Aquatic Acute Toxicity, Category 2

Remarks

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 Just Scent holds no responsibility. This document is not intended for quality assurance purposes.