

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Spring Bamboo Essence SDS-1103

**Version:** 1

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** Spring Bamboo Essence SDS-1103(Contains:3,7-Dimethyl-1,6-nonadien-3-ol, Geraniol, Isoeugenol, delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one)

**Other identifiers:** None

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Perfumer's Apprentice

**Company address:** 170 Technology Circle  
Scotts Valley  
CA 95066  
USA

**Contact:** Elisabeth Hanson

**E-Mail address:** regulatory@perfumersapprentice.com

**Company phone:** (831)316-7137

#### 1.4 Emergency telephone number

**Emergency phone:** ChemTel:1(800)255-3924, 01(813)248-0585 MIS6760377

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.

#### 2.2 Label elements

##### **Classification under Regulation (EC) No 1272/2008**

**Signal word:** Warning

**Hazard statements:** H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.

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**Supplemental Information:** EUH208, Contains 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone, Aquaflora, Benzyl salicylate, Coumarin, alpha-iso-Methylionone, dl-Citronellol. May produce an allergic reaction.

**Precautionary statements:**

P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



### 2.3 Other hazards

**Other hazards:** None

## Section 3. Composition / information on ingredients

### 3.2 Mixtures

**Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopentagamma-2-benzopyran	1222-05-5	214-946-9		2.5-10%	Aquatic Acute 1- Aquatic Chronic 1; H410,-
2-tert-Butylcyclohexyl acetate	88-41-5	201-828-7		2.5-10%	Aquatic Chronic 2; H411,-
3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	233-732-6		2.5-10%	Skin Irrit. 2-Eye Irrit. 2; H315-H319,-
Benzyl acetate	140-11-4	205-399-7		2.5-10%	Aquatic Chronic 3; H412,-
gamma-Undecalactone	104-67-6	203-225-4		2.5-10%	Aquatic Chronic 3; H412,-
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	248-908-8		1.0-2.5%	Eye Irrit. 2-Aquatic Acute 1-Aquatic Chronic 1;H319-H410,-

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5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	65113-99-7	265-453-0		1.0-2.5%	Eye Irrit. 2-Aquatic Chronic 2;H319-H411,-
Acetoxidyhydrodicyclopentadiene (Mixture of Isomers)	54830-99-8	911-369-0		1.0-2.5%	Aquatic Chronic 3; H412,-
Allyl (3-methylbutoxy) acetate	67634-00-8	266-803-5		1.0-2.5%	Acute Tox. 4-Skin Irrit. 2;H302-H315,-
Benzyl salicylate	118-58-1	204-262-9		1.0-2.5%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-
Dihydromyrcenol	18479-58-8	242-362-4		1.0-2.5%	Skin Irrit. 2-Eye Irrit. 2-Aquatic Chronic 3; H315-H319-H412,-
Geraniol	106-24-1	203-377-1		1.0-2.5%	Skin Irrit. 2-Eye Dam. 1-Eye Irrit. 2-Skin Sens. 1;H315-H317-H318-H319,-
Linalool	78-70-6	201-134-4		1.0-2.5%	Skin Irrit. 2-Eye Irrit. 2; H315-H319,-
Phenethyl alcohol	60-12-8	200-456-2		1.0-2.5%	Acute Tox. 4-Eye Irrit. 2;H302-H319,-
alpha-iso-Methylionone	127-51-5	204-846-3		1.0-2.5%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 2; H315-H317-H411,-
cis-3-Hexenyl salicylate	65405-77-8	265-745-8		1.0-2.5%	Aquatic Acute 1-Aquatic Chronic 1; H410,-
dl-Citronellol	106-22-9	203-375-0		1.0-2.5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-
Aquaflora	1339119-15-1, 1338815-87-4			0.1-1.0%	Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1; H302-H315-H317-H319-H332,-
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9	251-649-3		0.1-1.0%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 2;H315-H317-H319-H411,-
Coumarin	91-64-5	202-086-7		0.1-1.0%	Acute Tox. 4-Skin Sens. 1B;H302-H317,-
Isoeugenol	97-54-1	202-590-7		0.1-1.0%	Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A; H302-H312-H315-H317-H319,-
delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	57378-68-4	260-709-8		0.1-1.0%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 1; H302-H315-H317-H410,-

### Substances with Community workplace exposure limits:

Not Applicable

### Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

## Section 4. First-aid measures

### 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

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**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion:** Rinse mouth with water and obtain medical attention.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

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

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

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### **Section 7. Handling and storage**

#### **7.1 Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

#### **7.2 Conditions for safe storage, including any incompatibilities:**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### **7.3 Specific end use(s):**

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

### **Section 8. Exposure controls/personal protection**

#### **8.1 Control parameters**

Workplace exposure limits: Not Applicable

#### **8.2 Exposure Controls**

##### **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

##### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

### **Section 9. Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	Not determined
<b>Odour:</b>	Not determined
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	93 °C
<b>Evaporation rate:</b>	Not determined

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<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### **10.1 Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

#### **10.2 Chemical stability:**

Good stability under normal storage conditions.

#### **10.3 Possibility of hazardous reactions:**

Not expected under normal conditions of use.

#### **10.4 Conditions to avoid:**

Avoid extreme heat.

#### **10.5 Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

#### **10.6 Hazardous decomposition products:**

Not expected.

### Section 11. Toxicological information

#### **11.1 Information on toxicological effects**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2

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**Serious eye damage/irritation:** Eye Damage / Irritation Category 2  
**Respiratory or skin sensitisation:** Sensitization - Skin Category 1  
**Germ cell mutagenicity:** Based on available data the classification criteria are not met.  
**Carcinogenicity:** Based on available data the classification criteria are not met.  
**Reproductive toxicity:** Based on available data the classification criteria are not met.  
**STOT-single exposure:** Based on available data the classification criteria are not met.  
**STOT-repeated exposure:** Based on available data the classification criteria are not met.  
**Aspiration hazard:** Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Allyl (3-methylbutoxy) acetate	67634-00-8	266-803-5	730	Not available	Not available	Not available
Phenethyl alcohol	60-12-8	200-456-2	1610	2500	Not available	Not available

Refer to Sections 2 and 3 for additional information.

### Section 12. Ecological information

**12.1 Toxicity:** Not available  
**12.2 Persistence and degradability:** Not available  
**12.3 Bioaccumulative potential:** Not available  
**12.4 Mobility in soil:** Not available  
**12.5 Results of PBT and vPvB assessment:**  
 This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.  
**12.6 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

**14.1 UN number:** Not Regulated  
**14.2 UN Proper Shipping Name:** None  
**14.3 Transport hazard class(es):** Not Regulated  
**Sub Risk:** -  
**14.4. Packing Group:** Not Regulated  
**14.5 Environmental hazards:** This is not an environmentally hazardous substance.

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**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### Section 15. Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** EH C2=18.25% EH C3=1.80% EH C4=53.76% SCI 2=50.00% EDI 2=25.00% SS 1=20.00%

**Total Fractional Values:** EH C2=5.48 EH C3=55.68 EH C4=1.86 SCI 2=2.00 EDI 2=4.00 SS 1=5.00

**Key to revisions:**

Not applicable

**Key to abbreviations:**

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.



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P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.