

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

### 1.1 Product identifier

**Trade Name:** FSS Fresh Spring Air Fragrance

**Product/Sales No:** FSSB10065

**UFI#**

### 1.2 Relevant identified product use

**Intended use:** Ingredients/Raw materials used in the manufacturing of Cosmetic Products'

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

**Manufacturer:** Formulator Sample Shop, LLC  
135 Joshua Court  
Lincolnton, NC 28092, USA  
1-704-276-7540

### 1.4 Emergency telephone number

**1-704-276-7540** (Mon-Fri: 8:00AM - 5:00PM EST)

## 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

|  |   |
|--|---|
| Acute Toxicity Oral, Category 5        | H303 : May be harmful if swallowed                          |
| Skin Corrosion/Irritation, Category 2  | H315 : Causes skin irritation                               |
| Sensitization, Skin, Category 1A       | H317 : May cause an allergic skin reaction                  |
| Eye Damage/Eye Irritation, Category 2A | H319 : Causes serious eye irritation                        |
| Acute Toxicity Inhalation, Category 5  | H333 : May be harmful if inhaled                            |
| Aquatic Chronic Toxicity, Category 1   | H410 : Very toxic to aquatic life with long lasting effects |

#### Classification OSHA (Provisions 1910.1200 of title 29)

|  |  |
|--|--|
| Skin Corrosion/Irritation, Category 2  | H315 : Causes skin irritation                              |
| Sensitization, Skin, Category 1A       | H317 : May cause an allergic skin reaction                 |
| Eye Damage/Eye Irritation, Category 2A | H319 : Causes serious eye irritation                       |
| Reproductive Toxicity, Category 2      | H361 : Suspected of damaging fertility or the unborn child |

#### Classification Other

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

### 2.2 Label elements

**Labelling (GHS)**

**Hazard pictograms**



**Signal Word: Warning**

**Hazard statements**

|      |  |
|------|--|
| H303 | May be harmful if swallowed                          |
| H315 | Causes skin irritation                               |
| H317 | May cause an allergic skin reaction                  |
| H319 | Causes serious eye irritation                        |
| H333 | May be harmful if inhaled                            |
| H361 | Suspected of damaging fertility or the unborn child  |
| H410 | Very 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   |
| 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   |
| P337 + P313        | 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  |

**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#<br>?Ingredient? | EC# | Conc.<br>Range | GHS Classification |
|----------------------|-----|----------------|--------------------|
|----------------------|-----|----------------|--------------------|

| CAS#<br>?Ingredient?  | EC#       | Conc.<br>Range | GHS Classification                       |
|---|-----------|----------------|--|
| <b>107-41-5</b><br><i>Hexylene Glycol</i>                           | 203-489-0 | 30 - 40 %      | H315; H319                               |
| <b>54464-57-2</b><br><i>Tetramethyl Acetyloctahydronaphthalenes</i> | 259-174-3 | 10 - 20 %      | H315; H317; H401; H410                   |
| <b>105-95-3</b><br><i>Ethylene brassylate</i>                       | 203-347-8 | 5 - 10 %       | H401                                     |
| <b>120-51-4</b><br><i>Benzyl Benzoate</i>                           | 204-402-9 | 5 - 10 %       | H302; H313; H400; H411                   |
| <b>1222-05-5</b><br><i>Hexamethylindanopyran</i>                    | 214-946-9 | 5 - 10 %       | H316; H400; H410                         |
| <b>24851-98-7</b><br><i>Methylidihydrojasmonate</i>                 | 246-495-9 | 5 - 10 %       | H401                                     |
| <b>101-86-0</b><br><i>Hexyl cinnamal</i>                            | 202-983-3 | 5 - 10 %       | H303; H316; H317; H400; H411             |
| <b>28219-61-6</b><br><i>Ethyl trimethylcyclopentene butenol</i>     | 248-908-8 | 1 - 2 %        | H315; H319; H401; H411                   |
| <b>5989-27-5</b><br><i>Limonene</i>                                 | 227-813-5 | 1 - 2 %        | H226; H304; H315; H317; H400; H412       |
| <b>115-95-7</b><br><i>Linalyl Acetate</i>                           | 204-116-4 | 1 - 2 %        | H227; H315; H317; H320; H402             |
| <b>21145-77-7</b><br><i>Acetyl hexamethyl tetralin</i>              | 244-240-6 | 1 - 2 %        | H302; H400; H410                         |
| <b>25152-85-6</b><br><i>cis-3-Hexenyl benzoate</i>                  | 246-669-4 | 1 - 2 %        | H317; H401; H411                         |
| <b>10339-55-6</b><br><i>Ethyl Linalool</i>                          | 233-732-6 | 0.1 - 1.0 %    | H227; H303; H316; H317; H319; H402       |
| <b>107-75-5</b><br><i>Hydroxycitronellal</i>                        | 203-518-7 | 0.1 - 1.0 %    | H317; H319; H402                         |
| <b>78-70-6</b><br><i>Linalool</i>                                   | 201-134-4 | 0.1 - 1.0 %    | H227; H303; H315; H317; H319; H402       |
| <b>80-56-8</b><br><i>pinene</i>                                     | 201-291-9 | 0.1 - 1.0 %    | H226; H302; H304; H315; H317; H400; H410 |
| <b>99-85-4</b><br><i>gamma-Terpinene</i>                            | 202-794-6 | 0.1 - 1.0 %    | H226; H303; H304; H316; H361             |
| <b>105-87-3</b><br><i>Geranyl Acetate</i>                           | 203-341-5 | 0.1 - 1.0 %    | H315; H317; H401; H412                   |
| <b>87-44-5</b><br><i>Beta-Caryophyllene</i>                         | 201-746-1 | 0.1 - 1.0 %    | H304; H317                               |
| <b>65405-77-8</b><br><i>cis-3-Hexenyl salicylate</i>                | 265-745-8 | 0.1 - 1.0 %    | H303; H361; H400; H411                   |

See Section 16 for full text of GHS classification codes

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

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Total Hydrocarbon Content (% w/w) = 2.90

## 4. First Aid Measures

### 4.1 Description of first aid measures

|                       |  |
|-----------------------|--|
| <b>Inhalation:</b>    | Remove from exposure site to fresh air and keep at rest. Obtain medical advice.                            |
| <b>Eye Exposure:</b>  | Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.               |
| <b>Skin Exposure:</b> | Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist. |
| <b>Ingestion:</b>     | Rinse mouth with water and obtain medical advice.  |

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

|                  |  |
|------------------|--|
| <b>Symptoms:</b> | no data available                        |
| <b>Risks:</b>    | Refer to Section 2.2 "Hazard Statements" |

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

|                   |                                 |
|-------------------|---------------------------------|
| <b>Treatment:</b> | Refer to Section 2.2 "Response" |
|-------------------|---------------------------------|

## 5. Fire-Fighting measures

### 5.1 Extinguishing media

|                   |   |
|-------------------|---|
| <b>Suitable:</b>  | Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam |
| <b>Unsuitable</b> | Do not use a direct water jet on burning material     |

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

|                              |                          |
|------------------------------|--------------------------|
| <b>During fire fighting:</b> | Water may be ineffective |
|------------------------------|--------------------------|

### 5.3 Advice for firefighters

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Further information:</b> | Standard procedure for chemical fires |
|-----------------------------|---------------------------------------|

## 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 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:

#### ?Component?

80-56-8 *pinene*

| ACGIH<br>TWA ppm | ACGIH<br>STEL ppm | OSHA<br>TWA ppm | OSHA<br>STEL ppm |
|------------------|-------------------|-----------------|------------------|
|                  |                   |                 | 20               |

**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

|                                    |                      |
|------------------------------------|----------------------|
| <b>Appearance:</b>                 | Liquid               |
| <b>Odor:</b>                       | Conforms to Standard |
| <b>Color:</b>                      | Conforms to Standard |
| <b>Viscosity:</b>                  | Liquid               |
| <b>Freezing Point:</b>             | Not determined       |
| <b>Boiling Point:</b>              | Not determined       |
| <b>Melting Point:</b>              | Not determined       |
| <b>Flashpoint (CCCFP):</b>         | 208 F (97.78 C)      |
| <b>Auto flammability:</b>          | Not determined       |
| <b>Explosive Properties:</b>       | None Expected        |
| <b>Oxidizing properties:</b>       | None Expected        |
| <b>Vapor Pressure (mmHg@20 C):</b> | 0.0582               |
| <b>%VOC:</b>                       | 3.49                 |
| <b>Specific Gravity @ 25 C:</b>    | Not determined       |

|                                 |                |
|---------------------------------|----------------|
| <b>Density (g/mL) @ 25 C:</b>   | Not determined |
| <b>Refractive Index @ 20 C:</b> | Not determined |
| <b>Soluble in:</b>              | Oil            |

## 10. Stability and Reactivity

|  |  |
|--|--|
| <b>10.1 Reactivity</b>                         | None   |
| <b>10.2 Chemical stability</b>                 | Stable   |
| <b>10.3 Possibility of hazardous reactions</b> | None known   |
| <b>10.4 Conditions to avoid</b>                | None known   |
| <b>10.5 Incompatible materials</b>             | Strong oxidizing agents, strong acids, and alkalis |
| <b>10.6 Hazardous decomposition products</b>   | None known   |

## 11. Toxicological Information

### 11.1 Toxicological Effects

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

|   |  |
|---|--|
| <b>Acute toxicity - Oral - (Rat) mg/kg</b>                | (LD50: 3634.8051) May be harmful if swallowed            |
| <b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>           | Not classified - the classification criteria are not met |
| <b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>       | (LD50: 37.3745) May be harmful if inhaled                |
| <b>Skin corrosion / irritation</b>                        | Causes skin irritation                                   |
| <b>Serious eye damage / irritation</b>                    | Causes serious eye irritation                            |
| <b>Respiratory sensitization</b>                          | Not classified - the classification criteria are not met |
| <b>Skin sensitization</b>                                 | May cause an allergic skin reaction                      |
| <b>Germ cell mutagenicity</b>                             | Not classified - the classification criteria are not met |
| <b>Carcinogenicity</b>                                    | Not classified - the classification criteria are not met |
| <b>Reproductive toxicity</b>                              | Suspected of damaging fertility or the unborn child      |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified - the classification criteria are not met |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified - the classification criteria are not met |
| <b>Aspiration hazard</b>                                  | Not classified - the classification criteria are not met |

## 12. Ecological Information

### 12.1 Toxicity

|                                    |  |
|------------------------------------|--|
| <b>Acute aquatic toxicity</b>      | Not classified - the classification criteria are not met |
| <b>Chronic aquatic toxicity</b>    | Very toxic to aquatic life with long lasting effects     |
| <b>Toxicity Data on soil</b>       | no data available  |
| <b>Toxicity on other organisms</b> | no data available  |

|   |                   |
|---|-------------------|
| <b>12.2 Persistence and degradability</b> | no data available |
|---|-------------------|

|                                       |                   |
|---------------------------------------|-------------------|
| <b>12.3 Bioaccumulative potential</b> | no data available |
| <b>12.4 Mobility in soil</b>          | no data available |
| <b>12.5 Other adverse effects</b>     | 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

**Marine Pollutant** Yes. Ingredient of greatest environmental impact :  
 54464-57-2 : (10 - 20 %) : Tetramethyl Acetyloctahydronaphthalenes

| Regulator   | Class                               | Pack Group | Sub Risk | UN-nr. |
|---|-------------------------------------|------------|----------|--------|
| <b>U.S. DOT (Non-Bulk)</b><br>Chemicals NOI         | Not Regulated - Not Dangerous Goods |            |          |        |
| <b>ADR/RID (International Road/Rail)</b>            |                                     |            |          |        |
| Environmentally Hazardous Substance, Liquid, n.o.s. | 9                                   | III        |          | UN3082 |
| <b>IATA (Air Cargo)</b>                             |                                     |            |          |        |
| Environmentally Hazardous Substance, Liquid, n.o.s. | 9                                   | III        |          | UN3082 |
| <b>IMDG (Sea)</b>                                   |                                     |            |          |        |
| Environmentally Hazardous Substance, Liquid, n.o.s. | 9                                   | III        |          | UN3082 |

## 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 the following components:  
 1222-05-5 214-946-9 5 - 10 % Hexamethylindanopyran

### U.S. State Regulations

**California Proposition 65 Warning** This product contains the following components:  
 123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

### Canadian Regulations

**DSL** 100.00% of the components are listed or exempt. The following components are NOT on the List:  
 125109-85-5 412-050-4 0.01 - 0.1% Isopropylphenylbutanal  
 94201-73-7 303-662-1 <= 1 ppm Tetrahydro-4-methyl-2-phenyl-2H-pyran

## 16. Other Information

### GHS H-Statements referred to under section 3 and not listed in section 2

|  |  |
|--|--|
| H226 : Flammable liquid and vapour                       | H227 : Combustible liquid                              |
| H302 : Harmful if swallowed                              | H304 : May be fatal if swallowed and enters airways    |
| H313 : May be harmful in contact with skin               | H316 : Causes mild skin irritation                     |
| H317 : May cause an allergic skin reaction               | H320 : Causes eye irritation                           |
| H400 : Very Toxic to aquatic life                        | H401 : Toxic to aquatic life                           |
| H402 : Harmful to aquatic life                           | H411 : Toxic to aquatic life with long lasting effects |
| H412 : Harmful to aquatic life with long lasting effects |  |

### Total Fractional Values

|  |   |
|--|---|
| (TFV) Risk                                     | (TFV) Risk                                    |
| (133.78) Acute Toxicity Inhalation, Category 5 | (107.31) Aquatic Chronic Toxicity, Category 3 |
| (18.00) Sensitization, Skin, Category 1B       | (10.72) Aquatic Chronic Toxicity, Category 2  |
| (7.39) Skin Corrosion/Irritation, Category 3   | (6.19) Skin Corrosion/Irritation, Category 2  |
| (4.05) Eye Damage/Eye Irritation, Category 2A  | (2.52) Reproductive Toxicity, Category 2      |
| (1.72) Aquatic Chronic Toxicity, Category 4    | (1.43) Sensitization, Skin, Category 1        |
| (1.43) Sensitization, Skin, Category 1A        | (1.38) Acute Toxicity Oral, Category 5        |
| (1.01) Aquatic Chronic Toxicity, Category 1    |   |

Prohibited uses: For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date: N/A

Preparation Date: 12/19/2024

MSDS summary of changes: No deletion, addition or revision to date

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.