

# Safety Data Sheet

## Blackberry Sage Fragrance Oil

June 06, 2018

### Section 1: Chemical Product and Company Identification

**Product name:** Blackberry Sage Fragrance Oil  
**Contact Info:** YouWish  
Venserweg 21 M  
1112 AR Diemen  
The Netherlands  
www.youwish.nl  
Within USA & Canada: 1.800.424.9300 CCN693143  
**Emergency Phone Number:** Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

### 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)

|  |   |
|--|---|
| Flammable Liquids, Category 4                                | H227: Combustible liquid                              |
| Acute Toxicity Oral, Category 4                              | H302: Harmful if swallowed                            |
| Aspiration Hazard, Category 1                                | H304: May be fatal if swallowed and enters airways    |
| 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 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                       |
| Target Organ Systemic Toxicity - Single Exposure, Category 2 | H371: May cause damage to organs                      |
| 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 (Provisions 1910.1200 of title 29)

|                  |   |
|------------------|---|
| Flammability     | Class IIIA Combustible Liquid   |
| Acute Dermal/Eye | 12: Causes skin irritation<br>15: May cause eye irritation<br>19: May cause photo-induced skin irritation |
| Acute Inhalation | 21: Harmful if inhaled<br>24: Causes respiratory tract irritation   |

|                            |  |
|----------------------------|--|
| Acute Oral                 | 25: Inhalation at high levels may cause: headache, dizziness, eye irritation, tremors, labored breathing, hypothermia, lethargy, ataxia, pulmonary tract, nausea, rapid heart action |
| Reproductive/Developmental | 2: Harmful if swallowed  |
| Target Organ Effects       | 39: Causes reproductive/developmental toxicity in animals  |
|                            | 26: Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, bone marrow, stomach, brain, thyroid, tongue, mucous membranes, musculo-skeletal system.            |
|                            | 28: Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, bone marrow, skin   |
| 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 (REGULATION (EC) No 1272/2008)

#### Hazard pictograms



Signal Word: **Danger**

#### Hazard statements

|      |   |
|------|---|
| H227 | Combustable liquid                              |
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| H411 | Toxic to aquatic life with long lasting effects |

#### Precautionary Statements

##### Prevention:

|      |   |
|------|---|
| P235 | Keep Cool   |
| P260 | Do not breathe dust/fume/gas/mist/vapors/spray                        |
| P264 | Wash hands thoroughly after handling                                  |
| P270 | Do not eat, drink or smoke when using this product                    |
| P272 | Contaminated work clothing should not be allowed out of the workplace |

P273 Avoid release to the environment

**Response:**

P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting

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

P309 IF exposed or you feel unwell

P311 Call a POISON CENTER or doctor/physician

P312 Call a POISON CENTER or doctor/physician if you feel unwell

P330 Rinse mouth

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

P370 + P378 In case of fire: Use Carbon dioxide (CO<sub>2</sub>), Dry Chemical, or Foam for extinction. Do not use a direct water jet on burning material

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#<br><i>Ingredient</i>   | EC#       | Conc. Range | GHS Classification                 | OSHA Classification |
|-----------------------------|-----------|-------------|------------------------------------|---------------------|
| 120-51-4<br>Benzyl Benzoate | 204-402-9 | 40 – 50 %   | H302; H313; H400; H411             | 28, 3               |
| 78-70-6<br>Linalool         | 201-134-4 | 5 – 10 %    | H227; H303; H315; H317; H319; H402 | 12, 26              |
| 68647-72-3<br>Limonene      | 232-433-8 | 5 – 10 %    | H226; H304; H315; H317; H400; H410 | 12, 31, 31          |
| 140-11-4<br>Benzyl acetate  | 205-399-7 | 5 – 10 %    | H303; H316; H401; H412             | 15, 25, 26, 31, 39  |
| 77-83-8                     | 201-061-8 | 5 – 10 %    | H317; H401; H411                   | 11, 15              |

|  |           |              |  |                           |
|--|-----------|--------------|--|---------------------------|
| Ethyl methylphenylglycidate  |           |              |  |                           |
| 101-86-0<br>Hexyl cinnamaldehyde   | 202-983-3 | 2 – 5 %      | H303; H316; H317; H400;<br>H411                            | 11, 15                    |
| 8022-56-8<br>Salvia officinalis (sage) oil   | 282-025-9 | 2 – 5 %      | H226; H302; H304; H316;<br>H317; H332;<br>H371; H401; H411 | 11, 2, 21, 3, 31          |
| 706-14-9<br>Gamma-Decalactone  | 211-892-8 | 2 – 5 %      | H316   |                           |
| 1222-05-5<br>Hexamethylindanopyran   | 214-946-9 | 2 – 5 %      | H316; H400; H410   | 11, 15                    |
| 24851-98-7<br>Methyldihydrojasmonate   | 246-495-9 | 2 – 5 %      | H402   |                           |
| 103-26-4<br>Methyl cinnamate   | 203-093-8 | 1 – 2 %      | H303; H317   |                           |
| 80-56-8<br>$\alpha$ -Pinene  | 201-291-9 | 1 – 2 %      | H226; H302; H304; H315;<br>H317; H400; H410                | 11, 15, 25                |
| 79-92-5<br>Camphene  | 201-234-8 | 1 – 2 %      | H228; H320; H400; H410                                     |                           |
| 60-12-8<br>Phenethyl alcohol   | 200-456-2 | 1 – 2 %      | H302; H313; H316; H319                                     | 11, 15, 3                 |
| 14901-07-6<br>Beta-Ionone  | 238-969-9 | 1 – 2 %      | H316; H401; H411   | 11, 39                    |
| 127-51-5<br>$\alpha$ -isomethyl ionone   | 204-846-3 | 1 – 2 %      | H315; H317; H320; H401;<br>H411                            | 11, 15, 19, 26,<br>28, 31 |
| 127-91-3<br>$\beta$ -Pinene  | 204-872-5 | 1 – 2 %      | H226; H304; H315; H317;<br>H400; H410                      | 11, 15, 24, 25,<br>31     |
| 128-37-0<br>Butylated hydroxytoulene   | 204-881-4 | 1 – 2 %      | H316; H400; H410   |                           |
| 127-43-5<br>Methyl- $\beta$ -ionone  | 204-843-7 | 0.1 – 1.0 %  | H316; H317; H401; H411                                     | 11, 15, 19, 26,<br>28, 31 |
| 103-95-7<br>2-Methyl-3-( <i>p</i> -<br>isopropylphenyl)propionaldehyde                                 | 203-161-7 | 0.1 – 1.0 %  | H227; H303; H315; H317;<br>H401; H412                      | 11, 15, 31                |
| 1205-17-0<br>$\alpha$ -Methyl-1,3-benzodioxole-5-<br>propionaldehyde                                   | 214-881-6 | 0.1 – 1.0 %  | H303; H317; H401; H411                                     |                           |
| 57378-68-4<br>$\delta$ -1-(2,6,6-Trimethyl-3-cyclohexen-1-<br>yl)-2-buten-1-one ( $\delta$ -Damascone) | 260-709-8 | 0.1 - 1.0 %  | H302; H315; H317; H318;<br>H400; H410                      | 11, 15, 31                |
| 106-22-9<br>Citronellol  | 203-375-0 | 0.1 – 1.0 %  | H303; H313; H315; H317;<br>H319; H401                      | 11, 15                    |
| 111-80-8<br>Methyl 2-nonynoate (Methyl octine<br>carbonate)  | 203-909-2 | 0.01 – 0.1 % | H302; H313; H315; H317;<br>H400; H412                      | 2, 31                     |

See Section 16 for full text of GHS classification codes  
Total Hydrocarbon Content (% w/w) = 11.54

## 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 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"

## Section 5: Fire-Fighting Measures

### 5.1 Extinguishing media

**Suitable:** Carbon dioxide (CO<sub>2</sub>), 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 firefighting:** 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 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.

## 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   | ACGIH    | OSHA    | OSHA     |
|---|---------|----------|---------|----------|
|   | TWA ppm | STEL ppm | TWA ppm | STEL ppm |
| 140-11-4 <i>Benzyl acetate</i>            | 10      |          |         |          |
| 80-56-8 <i><math>\alpha</math>-Pinene</i> | 20      |          |         |          |
| 127-91-3 <i><math>\beta</math>-Pinene</i> | 20      |          |         |          |
| 128-37-0 <i>Butylated hydroxytoluene</i>  | 2       |          |         |          |

**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:** Colorless to Greenish Yellow (G2)

**Viscosity:** Liquid

**Freezing Point:** Not determined

**Boiling Point:** Not determined

**Melting Point:** Not determined

**Flashpoint (CCCFP):** >147°F (63.89°C)

**Auto flammability:** Not determined

**Explosive Properties:** None Expected

**Oxidizing properties:** None Expected

**Vapor Pressure (mmHg@20 C):** 0.2495

**%VOC:** 20.5415

**Specific Gravity @ 25 C:** 1.0000

**Density @ 25 C:** 0.9970

**Refractive Index @ 20 C:** 1.5135

**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 the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

**Acute toxicity - Oral - (Rat) mg/kg** (LD50: 1,982.42): Harmful if swallowed

**Acute toxicity - Dermal - (Rabbit) mg/kg** (LD50: 3,659.81): May be harmful in contact with skin

**Acute toxicity - Inhalation - (Rat) mg/L/4hr** (LC50: 32.80): May be harmful if inhaled

**Skin corrosion / irritation:** Causes skin irritation

**Serious eye damage / irritation:** Causes serious eye irritation

**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:** May cause damage to organs  
**Specific target organ toxicity - repeated exposure:** Not classified - the classification criteria are not met.  
**Aspiration hazard:** May be fatal if swallowed and enters airways

## 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 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.

## Section 14: Transport Information

| 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><br>Environmentally Hazardous Substance,<br>Liquid, n.o.s. | 9                                   | III        |          | UN3082 |
| <b>IATA (Air Cargo)</b><br>Environmentally Hazardous Substance,<br>Liquid, n.o.s.                  | 9                                   | III        |          | UN3082 |
| <b>IMDG (Sea)</b><br>Environmentally Hazardous Substance,  | 9                                   | III        |          | UN3082 |

|                |  |  |  |  |
|----------------|--|--|--|--|
| Liquid, n.o.s. |  |  |  |  |
|----------------|--|--|--|--|

## Section 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:** This product contains the following components:

|             |           |              |                      |
|-------------|-----------|--------------|----------------------|
| 94-59-7     | 202-345-4 | <= 3 ppm     | Safrole (NFS)        |
| 93-15-2     | 202-223-0 | <= 1 ppm     | Methyl Eugenol (NFS) |
| 123-35-3(NF | 204-622-5 | 0.01 – 0.1 % | beta-Myrcene (NFS)   |

### Canadian Regulations:

**DSL / NDSL:** 100.00% of the components are listed or exempt.

## Section 16: Other Information

### GHS H-Statements referred to under section 3

|   |  |
|---|--|
| H226 : Flammable liquid and vapour                          | H228 : Flammable Solid                                   |
| H303 : May be harmful if swallowed                          | H316 : Causes mild skin irritation                       |
| H317 : May cause an allergic skin reaction                  | H318 : Causes serious eye damage                         |
| H320 : Causes eye irritation                                | H332 : Harmful if inhaled                                |
| H401 : Toxic to aquatic life                                | H402 : Harmful to aquatic life                           |
| H410 : Very toxic to aquatic life with long lasting effects | H412 : Harmful to aquatic life with long lasting effects |

### Total Fractional Values

#### (TFV) Risk

(1.28) Aspiration Hazard, Category 1  
(45.00) Sensitization, Skin, Category 1A  
(2.50) Target Organ Systemic Toxicity - Single Exposure, Category 2

#### (TFV) Risk

(2.18) Skin Corrosion/Irritation, Category 2  
(1.92) Eye Damage/Eye Irritation, Category 2A  
(2.47) Aquatic Acute Toxicity, Category 1  
(8.42) Aquatic Chronic Toxicity, Category 2

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