



A Company of the Firmenich Group

140 Centennial Ave  
Piscataway, NJ 08854 USA  
(800) 542-7662 FAX 732-393-7379  
<http://www.agilexfragrances.com>

# Safety Data Sheet

SDS v1 GHS / OSHA

Revised Date: 2021-01-12 00:00

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Print Date: 2022-02-02

Product: **Blueberry Pie**  
Product#: **5169730**  
SKU#: **US-278**

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

### 1.1 Product identifier

**Trade Name:** Blueberry Pie

**Product/Sales No:** 5169730

**UFI#**

### 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

**Manufacturer:** Agilex Fragrances  
140 Centennial Ave  
Piscataway, NJ 08854 USA  
(800) 542-7662 FAX 732-393-7379  
<http://www.agilexfragrances.com>

### 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

|  |  |
|--|--|
| Flammable Liquids, Category 4          | H227 : Combustible liquid                              |
| Acute Toxicity Oral, Category 5        | H303 : May be harmful if swallowed                     |
| 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 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)

|  |  |
|--|--|
| Flammable Liquids, Category 4          | H227 : Combustible liquid                  |
| Sensitization, Skin, Category 1A       | H317 : May cause an allergic skin reaction |
| Eye Damage/Eye Irritation, Category 2A | H319 : Causes serious eye irritation       |

#### 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**

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## Signal Word: Warning

### Hazard statements

|      |   |
|------|---|
| H227 | Combustible liquid                              |
| H303 | May be harmful if swallowed                     |
| H317 | May cause an allergic skin reaction             |
| H319 | Causes serious eye irritation                   |
| H333 | May be harmful if inhaled                       |
| H400 | Very Toxic to aquatic life                      |
| H411 | Toxic to aquatic life with long lasting effects |

### Precautionary Statements

#### Prevention:

|      |   |
|------|---|
| P235 | Keep cool   |
| P264 | Wash hands thoroughly after handling                                  |
| 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   |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing                   |
| 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  |
| 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

## 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     |
|------------------------------------|-----------|----------------|------------------------|
| 120-51-4<br><i>Benzyl Benzoate</i> | 204-402-9 | 40 - 50 %      | H302; H313; H400; H411 |



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| CAS#<br>Ingredient                          | EC#       | Conc.<br>Range | GHS Classification                          |
|---|-----------|----------------|---|
| 121-33-5<br><i>vanillin</i>                 | 204-465-2 | 5 - 10 %       | H303; H319                                  |
| 4940-11-8<br><i>Ethyl Maltol</i>            | 225-582-5 | 1 - 2 %        | H302; H401                                  |
| 5405-41-4<br><i>Ethyl 3-hydroxybutyrate</i> | 226-456-2 | 1 - 2 %        | H226  |
| 104-55-2<br><i>Cinnamal</i>                 | 203-213-9 | 0.1 - 1.0 %    | H303; H312; H315; H317; H319; H401;<br>H412 |

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

Total Hydrocarbon Content (% w/w) = 0.00

## 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 |
|-----------------------------|---------------------------------------|

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## 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:** 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:** Yellow to Greenish Yellow (5-8)

**Viscosity:** Liquid

**Freezing Point:** Not determined

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|                                    |                 |
|------------------------------------|-----------------|
| <b>Boiling Point:</b>              | Not determined  |
| <b>Melting Point:</b>              | Not determined  |
| <b>Flashpoint (CCCFP):</b>         | 196 F (91.11 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> | 0.2005          |
| <b>%VOC:</b>                       | 2.40            |
| <b>Specific Gravity @ 25 C:</b>    | 1.0340          |
| <b>Density (g/mL) @ 25 C:</b>      | 1.0310          |
| <b>Refractive Index @ 20 C:</b>    | 1.5090          |
| <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: 2415.4589) 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: 137.1766) May be harmful if inhaled               |
| <b>Skin corrosion / irritation</b>                        | Not classified - the classification criteria are not met |
| <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>                              | Not classified - the classification criteria are not met |
| <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 |



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## 12. Ecological Information

### 12.1 Toxicity

|                                    |   |
|------------------------------------|---|
| <b>Acute aquatic toxicity</b>      | Very Toxic to aquatic life                      |
| <b>Chronic aquatic toxicity</b>    | 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                               |

**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

**Marine Pollutant** Yes. Ingredient of greatest environmental impact :  
120-51-4 : (40 - 50 %) : Benzyl Benzoate

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

## 15. Regulatory Information

### U.S. Federal Regulations

|  |  |
|--|--|
| <b>TSCA (Toxic Substance Control Act)</b>  | All components of the substance/mixture are listed or exempt |
| <b>40 CFR(EPCRA, SARA, CERCLA and CAA)</b> | This product contains NO components of concern.              |

### U.S. State Regulations



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**California Proposition 65 Warning**  
**Canadian Regulations**

No Warning required

**DSL**

100.00% of the components are listed or exempt. The following components are NOT on the List:

815580-59-7 453-570-1 <= 2 ppm

3-Cyclohexene-1-carboxylic acid, 2,6,6-trimethyl-, methyl ester

## 16. Other Information

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

H226 : Flammable liquid and vapour  
H312 : Harmful in contact with skin  
H315 : Causes skin irritation  
H319 : Causes serious eye irritation  
H412 : Harmful to aquatic life with long lasting effects

H302 : Harmful if swallowed  
H313 : May be harmful in contact with skin  
H317 : May cause an allergic skin reaction  
H401 : Toxic to aquatic life

### Total Fractional Values

(TFV) Risk  
(36.45) Acute Toxicity Inhalation, Category 5  
(6.50) Sensitization, Skin, Category 1A  
(1.83) Eye Damage/Eye Irritation, Category 2  
(1.72) Aquatic Chronic Toxicity, Category 4  
(1.69) Aquatic Acute Toxicity, Category 1

(TFV) Risk  
(16.91) Aquatic Chronic Toxicity, Category 3  
(2.07) Acute Toxicity Oral, Category 5  
(1.83) Eye Damage/Eye Irritation, Category 2A  
(1.69) Aquatic Chronic Toxicity, Category 2

**Department issuing data sheet:** Regulatory Affairs Group  
**Department E-mail address:** [RegAffairs@Agilexfragrances.com](mailto:RegAffairs@Agilexfragrances.com)

### Remarks

This safety data sheet is based on the properties of the material known to Agilex Fragrances™ 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 Agilex Fragrances™ holds no responsibility. This document is not intended for quality assurance purposes.