

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 1 of 8  
2014-01-29

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

### 1.1 Product identifier

**Trade Name:** Blackberry Fragrance Oil

**Product/Sales No:** 130646

### 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

Wellington Fragrance  
33306 Glendale St.  
Livonia, MI 48150 USA  
734-261-5531 FAX 734-261-5571  
www.wellingtonfragrance.com

### 1.4 Emergency telephone number

**(800) 255-3924** Domestic USA, Canada, Puerto Rico, and US Virgin Islands

**+1 813 248-0585** International (CHEMTEL #MIS 0000533)

## 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 Regulation (EC) No 1272/2008

Aquatic Acute Toxicity, Category 2	:
Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
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 4	H332: Harmful if inhaled
Carcinogenicity, Category 2	H351: Suspected of causing cancer
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

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

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation. 16 : Causes eye irritation. 19 : May cause photo-induced skin irritation. 9 : Harmful if absorbed through the skin.
Acute Inhalation	25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	2 : Harmful if swallowed
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 2 of 8  
2014-01-29

## Target Organ Effects

26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, blood, bone marrow, stomach, brain, thyroid, bile duct, tongue, mucous membranes, musculo-skeletal

28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, bone marrow

## 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: Warning**

#### Hazard statements

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H411	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
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
P281	Use personal protective equipment as required

##### Response:

P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312 + P340	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell Remove victim to fresh air and keep at rest in a position comfortable for breathing
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
P313	Get medical advice/attention
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 3 of 8  
2014-01-29

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# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
<b>101-86-0</b> <i>Hexyl cinnamal</i>	202-983-3	10 - 20 %	H303; H316; H317; H411	11, 15
<b>78-70-6</b> <i>Linalool</i>	201-134-4	10 - 20 %	H227; H303; H315; H319	12, 26
<b>84-66-2</b> <i>Diethyl phthalate</i>	201-550-6	10 - 20 %	H316	
<b>140-11-4</b> <i>Benzyl acetate</i>	205-399-7	10 - 20 %	H227; H303; H316	15, 25, 26, 31, 39
<b>32388-55-9</b> <i>Acetyl cedrene</i>	251-020-3	5 - 10 %	H316; H317; H410	16, 19
<b>24851-98-7</b> <i>Methyldihydrojasmonate</i>	246-495-9	2 - 5 %	H316	
<b>134-20-3</b> <i>Methyl anthranilate</i>	205-132-4	2 - 5 %	H303; H316; H319	11, 15
<b>66068-84-6</b> <i>Isocamphenyl cyclohexanol (mixed isomers)</i>	266-100-3	2 - 5 %	H315; H411	11, 15
<b>1222-05-5</b> <i>Hexamethylindanopyran</i>	214-946-9	1 - 2 %	H316; H410	11, 15
<b>91-64-5</b> <i>Coumarin</i>	202-086-7	1 - 2 %	H302; H317	12, 15, 2, 26, 31, 9
<b>106-22-9</b> <i>Citronellol</i>	203-375-0	1 - 2 %	H303; H313; H315; H317; H319	11, 15
<b>18871-14-2</b> <i>4-Acetoxy-3-pentyltetrahydropyran</i>	242-640-5	1 - 2 %	H316; H412	
<b>127-51-5</b> <i>a-Isomethyl ionone</i>	204-846-3	1 - 2 %	H315; H317; H320; H411	11, 15, 19, 26, 28, 31
<b>121-33-5</b> <i>Vanillin</i>	204-465-2	1 - 2 %	H303; H319	31
<b>77-83-8</b> <i>Ethyl methylphenylglycidate</i>	201-061-8	1 - 2 %	H317; H411	11, 15

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 4 of 8  
2014-01-29

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
<b>106-24-1</b> <i>Geraniol</i>	203-377-1	1 - 2 %	H303; H315	11, 15, 31
<b>128-37-0</b> <i>Butylated hydroxytoluene</i>	204-881-4	1 - 2 %	H316; H410	
<b>81-14-1</b> <i>Musk ketone</i>	201-328-9	0.1 - 1.0 %	H316; H351; H410	11, 15
<b>97-54-1</b> <i>Iso Eugenol</i>	202-590-7	0.1 - 1.0 %	H302; H312; H315; H317; H319	12, 15, 3, 31, 9
<b>80-54-6</b> <i>Butylphenyl Methylpropional</i>	201-289-8	0.1 - 1.0 %	H302; H315; H361; H411	11, 15, 26, 28, 3, 31, 39

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"

## 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 fire fighting:** Water may be ineffective

### 5.3 Advice for firefighters

**Further information:** Standard procedure for chemical fires

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 5 of 8  
2014-01-29

## 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:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
84-66-2 <i>Diethyl phthalate</i>		5		
140-11-4 <i>Benzyl acetate</i>	10			
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.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Conforms to Standard

**Odor:** Conforms to Standard

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 6 of 8  
2014-01-29

<b>Color:</b>	Yellow
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint:</b>	>200 F (93.33 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>	0.0654
<b>%VOC:</b>	14.48
<b>Specific Gravity @ 25 C:</b>	0.9915
<b>Density @ 25 C:</b>	0.9885
<b>Refractive Index @ 25 C:</b>	1.5060
<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

<b>Acute toxicity - Oral</b>	(LD50: 3,115.26) May be harmful if swallowed
<b>Acute toxicity - Dermal</b>	(LD50: 3,365.40) May be harmful in contact with skin
<b>Acute toxicity - Inhalation</b>	(LC50: 14.91) 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>	Suspected of causing cancer
<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

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 7 of 8  
2014-01-29

Aspiration hazard

Not classified - the classification criteria are not met

## 12. Ecological Information

### 12.1 Toxicity

Acute aquatic toxicity

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

## 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)		Not Regulated - Not Dangerous Goods			
Chemicals NOI					
ADR/RID (International Road/Rail)					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
IATA (Air Cargo)					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
IMDG (Sea)					
Environmentally Hazardous Liquid, n.o.s.	Substance,	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:

84-66-2      201-550-6      10 - 20 %      Diethyl phthalate

### U.S. State Regulations:

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41184.521219.624521

Product: **Blackberry Fragrance Oil**  
Product#: **130646**  
SKU#: **blb**

Page 8 of 8  
2014-01-29

**California Proposition 65 Warning**  
93-15-2 202-223-0 <= 7 ppm

This product contains the following components:  
Methyl eugenol (NFS)

**Canadian Regulations:**

**DSL / NDSL**

100.00% of the components are listed or exempt.

## 16. Other Information

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

H227 : Combustible liquid	H302 : Harmful if swallowed
H303 : May be harmful if swallowed	H312 : Harmful in contact with skin
H313 : May be harmful in contact with skin	H315 : Causes skin irritation
H316 : Causes mild skin irritation	H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation	H320 : Causes eye irritation
H351 : Suspected of causing cancer	H361 : Suspected of damaging fertility or the unborn child
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	

**Total Fractional Values**

(TFV) Risk	(TFV) Risk
(5.62) Aquatic Acute Toxicity, Category 2	(2.46) Skin Corrosion/Irritation, Category 2
(2.50) Sensitization, Skin, Category 1A	(3.69) Eye Damage/Eye Irritation, Category 2A
(7.20) Carcinogenicity, Category 2	(2.50) Reproductive Toxicology, Category 2
(5.44) Aquatic Chronic Toxicity, Category 2	

**Department issuing data sheet:**

**Department E-mail address:**

**Remarks**

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