

# Blossom 6197, OS

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 11/30/2016

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Version: 2016.1

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixtures  
Product name : Blossom 6197, OS  
Product code : 6197, OS

#### 1.2. Recommended use and restrictions on use

Recommended use : Fragrance

#### 1.3. Supplier

#### 1.4. Emergency telephone number

Emergency number : For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night. Within USA and Canada: 1-800-424-9300. Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Acute toxicity (oral) H302 Harmful if swallowed  
Category 4  
Hazardous to the aquatic H401 Toxic to aquatic life  
environment - Acute  
Hazard Category 2

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H302 - Harmful if swallowed  
H401 - Toxic to aquatic life  
Precautionary statements (GHS-US) : P264 - Wash hands, forearms and face thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P273 - Avoid release to the environment  
P301+P312 - If swallowed: Call a POISON CENTER if you feel unwell  
P330 - Rinse mouth  
P501 - Dispose of contents/container to an approved waste disposal plant

#### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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Name	Product identifier	%	GHS-US classification
Benzyl benzoate	(CAS No) 120-51-4	50 - 70	Acute Tox. 4 (Oral), H302
Phenethyl alcohol	(CAS No) 60-12-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311
Natural Clove Leaf Oil	(CAS No) 8000-34-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : IF exposed or concerned: Get medical advice/attention.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
- First-aid measures after ingestion : Drink plenty of water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/injuries after inhalation : None under normal use.
- Symptoms/injuries after skin contact : Contact during a long period may cause slight irritation.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.
- Chronic symptoms : None known.

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

#### 5.2. Specific hazards arising from the chemical

- Explosion hazard : Not explosive.
- Reactivity : Product is not explosive.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Move containers from fire area if it can be done without risk.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

- General measures : Remove ignition sources.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation.

#### 6.4. Reference to other sections

No additional information available

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- |                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : None known.   |
| Precautions for safe handling     | : Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Ensure good ventilation of the work station. Keep away from sources of ignition - No smoking. Use personal protective equipment as required. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
| Hygiene measures                  | : Take off immediately all contaminated clothing and wash it before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.   |

#### 7.2. Conditions for safe storage, including any incompatibilities

- |                            |  |
|----------------------------|--|
| Technical measures         | : Comply with applicable regulations.  |
| Storage conditions         | : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. |
| Incompatible products      | : Oxidizing agent.   |
| Incompatible materials     | : Direct sunlight. Heat sources. Sources of ignition.  |
| Maximum storage period     | : 2 year May darken with age   |
| Storage area               | : Store away from heat. Store in a well-ventilated place.  |
| Special rules on packaging | : Keep only in original container.   |
| Packaging materials        | : Keep only in the original container in a cool, well-ventilated place away from combustible materials.                                    |

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Benzyl benzoate (120-51-4)

Not applicable

##### Natural Clove Leaf Oil (8000-34-8)

Not applicable

##### Phenethyl alcohol (60-12-8)

Not applicable

#### 8.2. Appropriate engineering controls

- |                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Environmental exposure controls  | : Avoid release to the environment.            |

#### 8.3. Individual protection measures/Personal protective equipment

##### Personal protective equipment:

Gloves. Safety glasses.

##### Materials for protective clothing:

Wear long sleeves and pants. Immediately remove contaminated clothing and launder before reuse.

##### Hand protection:

chemically resistant gloves

##### Eye protection:

Chemical goggles or safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

None generally required

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### Thermal hazard protection:

Not necessary.

### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Clear liquid.
Color	: Yellow
Odor	: Floral
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93.33 °C Closed cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.07 (1.05 - 1.09) Approx. 8.91 lbs./ gallon
Solubility	: Insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: Product is not explosive.
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Product is not explosive.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Direct sunlight. Heat. Sparks. Open flame.

### 10.5. Incompatible materials

Oxidizing agent.

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### 10.6. Hazardous decomposition products

Thermal decomposition generates: carbon dioxide, carbon monoxide, smoke.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Likely routes of exposure : Skin and eye contact  
Acute toxicity : Oral: Harmful if swallowed.

Blossom 6197, OS	
ATE US (oral)	840.407 mg/kg body weight
Benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg
LD50 dermal rabbit	4000 mg/kg
ATE US (oral)	500.000 mg/kg body weight
ATE US (dermal)	4000.000 mg/kg body weight
Natural Clove Leaf Oil (8000-34-8)	
LD50 oral rat	1370 mg/kg
LD50 dermal rabbit	1200 mg/kg
ATE US (oral)	1370.000 mg/kg body weight
ATE US (dermal)	1200.000 mg/kg body weight
Phenethyl alcohol (60-12-8)	
LD50 oral rat	1790 mg/kg
LD50 dermal rabbit	805 mg/kg
LC50 inhalation rat (mg/l)	> 4.63 mg/l/4h
ATE US (oral)	1790.000 mg/kg body weight
ATE US (dermal)	805.000 mg/kg body weight

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

Reproductive toxicity : Not classified  
Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : None under normal use.  
Symptoms/injuries after skin contact : Contact during a long period may cause slight irritation.  
Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.  
Chronic symptoms : None known.  
Other information : Likely routes of exposure: skin and eye.

## SECTION 12: Ecological information

### 12.1. Toxicity

Phenethyl alcohol (60-12-8)	
EC50 Daphnia 1	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

Benzyl benzoate (120-51-4)	
Log Pow	4
Phenethyl alcohol (60-12-8)	
Log Pow	1.38 (at 25 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.  
GWPmix comment : No known effects from this product.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not applicable

### TDG

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

Benzyl benzoate (120-51-4)	
Listed on the Canadian DSL (Domestic Substances List)	
Natural Clove Leaf Oil (8000-34-8)	
Listed on the Canadian DSL (Domestic Substances List)	
Phenethyl alcohol (60-12-8)	
Listed on the Canadian DSL (Domestic Substances List)	

#### EU-Regulations

Benzyl benzoate (120-51-4)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	

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### Phenethyl alcohol (60-12-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### National regulations

#### Benzyl benzoate (120-51-4)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on CICR (Turkish Inventory and Control of Chemicals)

#### Natural Clove Leaf Oil (8000-34-8)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on CICR (Turkish Inventory and Control of Chemicals)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

Revision date : 01/01/2019

Full text of H-phrases:

H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H401	Toxic to aquatic life

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible  
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.  
Personal protection : B  
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*