



# Exotic Woods #45016F

## Safety Data Sheet

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

Issue date: 12/08/2020

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Exotic Woods #45016F  
Product code : 45016F

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

Use of the substance/mixture : Perfumes, Fragrances  
Recommended use : Perfumes, Fragrances

#### 1.3. Supplier

FRAIS FRAGRANCES  
8 KIELBOOT AVE  
Lazerpark, Honeydew, 2040  
+27 87 086 9802  
[info@frais.co.za](mailto:info@frais.co.za) [www.frais.co.za](http://www.frais.co.za)

#### 1.4. Emergency telephone number

Emergency number 086 155 5777  
Poison information centre, Red Cross Children's Hospital and Tygerberg Hospital

### SECTION 2: Hazard(s) identification

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

##### GHS US classification

|  |      |                                     |
|--|------|-------------------------------------|
| Acute toxicity (oral) Category 4             | H302 | Harmful if swallowed                |
| Serious eye damage/eye irritation Category 2 | H319 | Causes serious eye irritation       |
| Skin sensitization, Category 1               | H317 | May cause an allergic skin reaction |

Full text of H statements : see section 16

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

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H302 - Harmful if swallowed  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation

Precautionary statements (GHS US) :

P264 - Wash hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

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

No additional information available

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

Not applicable

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name  | Product identifier   | %           | GHS US classification  |
|---|----------------------|-------------|--|
| Benzyl benzoate                             | (CAS-No.) 120-51-4   | 24.3 – 48.6 | Acute Tox. 4 (Oral), H302  |
| Eugenol                                     | (CAS-No.) 97-53-0    | 2.25 – 4.5  | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317                              |
| Vertenex                                    | (CAS-No.) 32210-23-4 | 2 – 4       | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |
| Amyl cinnamic aldehyde                      | (CAS-No.) 122-40-7   | 1.7 – 3.4   | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |
| Cinnamic aldehyde                           | (CAS-No.) 104-55-2   | 1.65 – 3.3  | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317     |
| 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol | (CAS-No.) 63500-71-0 | 1.17 – 2.34 | Eye Irrit. 2A, H319  |
| Ethyl vanillin crystals                     | (CAS-No.) 121-32-4   | 0.9 – 1.8   | Acute Tox. 4 (Oral), H302  |
| Coumarin crystals                           | (CAS-No.) 91-64-5    | 0.8 – 1.6   | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1B, H317<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| Oxyphelyon (Raspberry ketone) crystals      | (CAS-No.) 5471-51-2  | 0.75 – 1.5  | Acute Tox. 4 (Oral), H302  |
| Dihydromyrcenol                             | (CAS-No.) 18479-58-8 | 0.6 – 1.2   | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319                                     |

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 : Call a poison center/doctor/physician if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

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

- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

#### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

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

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

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

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

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

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

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### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

|   |
|---|
| <b>Exotic Woods #45016F</b>                                     |
| No additional information available                             |
| <b>Benzyl benzoate (120-51-4)</b>                               |
| No additional information available                             |
| <b>Eugenol (97-53-0)</b>  |
| No additional information available                             |
| <b>Vertenex (32210-23-4)</b>                                    |
| No additional information available                             |
| <b>Amyl cinnamic aldehyde (122-40-7)</b>                        |
| No additional information available                             |
| <b>Cinnamic aldehyde (104-55-2)</b>                             |
| No additional information available                             |
| <b>2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)</b> |
| No additional information available                             |
| <b>Ethyl vanillin crystals (121-32-4)</b>                       |
| No additional information available                             |
| <b>Coumarin crystals (91-64-5)</b>                              |
| No additional information available                             |
| <b>Oxyphelyon (Raspberry ketone) crystals (5471-51-2)</b>       |
| No additional information available                             |
| <b>Dihydromyrcenol (18479-58-8)</b>                             |
| No additional information available                             |

### 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

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### Hand protection:

Protective gloves

### Eye protection:

Safety glasses

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

|   |                                   |
|---|-----------------------------------|
| Physical state                                  | : Liquid                          |
| Color   | : light yellow amber              |
| Odor  | : characteristic                  |
| Odor threshold                                  | : No data available               |
| pH  | : No data available               |
| Melting point                                   | : Not applicable                  |
| Freezing point                                  | : No data available               |
| Boiling point                                   | : No data available               |
| Flash point                                     | : > 93 °C (closed cup) ASTM D7094 |
| Relative evaporation rate (butyl acetate=1)     | : No data available               |
| Flammability (solid, gas)                       | : Not applicable.                 |
| Vapor pressure                                  | : No data available               |
| Relative vapor density at 20 °C                 | : No data available               |
| Relative density                                | : ≈ 1.07                          |
| Solubility                                      | : No data available               |
| Partition coefficient n-octanol/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                            | : No data available               |
| Oxidizing properties                            | : No data available               |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

|  |                           |
|--|---------------------------|
| ATE US (oral)  | 918.961 mg/kg body weight |
| <b>Benzyl benzoate (120-51-4)</b>                        |                           |
| LD50 oral rat  | 500 mg/kg                 |
| LD50 dermal rabbit                                       | 4000 mg/kg                |
| ATE US (oral)  | 500 mg/kg body weight     |
| ATE US (dermal)  | 4000 mg/kg body weight    |
| <b>Eugenol (97-53-0)</b>                                 |                           |
| LD50 oral rat  | 1930 mg/kg                |
| ATE US (oral)  | 1930 mg/kg body weight    |
| <b>Vertenex (32210-23-4)</b>                             |                           |
| LD50 oral rat  | 5 g/kg                    |
| LD50 dermal rabbit                                       | > 5000 mg/kg              |
| ATE US (oral)  | 5000 mg/kg body weight    |
| <b>Amyl cinnamic aldehyde (122-40-7)</b>                 |                           |
| LD50 oral rat  | 3730 mg/kg                |
| LD50 dermal rabbit                                       | > 2000 mg/kg              |
| ATE US (oral)  | 3730 mg/kg body weight    |
| <b>Cinnamic aldehyde (104-55-2)</b>                      |                           |
| LD50 oral rat  | 2220 mg/kg                |
| LD50 dermal rabbit                                       | 1260 mg/kg                |
| ATE US (oral)  | 2220 mg/kg body weight    |
| ATE US (dermal)  | 1260 mg/kg body weight    |
| <b>Ethyl vanillin crystals (121-32-4)</b>                |                           |
| LD50 oral rat  | 1590 mg/kg                |
| ATE US (oral)  | 1590 mg/kg body weight    |
| <b>Coumarin crystals (91-64-5)</b>                       |                           |
| LD50 oral rat  | > 5000 mg/kg              |
| LD50 dermal rat  | > 2000 mg/kg              |
| ATE US (oral)  | 500 mg/kg body weight     |
| <b>Oxyphylon (Raspberry ketone) crystals (5471-51-2)</b> |                           |
| LD50 oral rat  | 1320 mg/kg                |
| ATE US (oral)  | 1320 mg/kg body weight    |
| <b>Dihydromyrcenol (18479-58-8)</b>                      |                           |
| LD50 oral rat  | 3600 mg/kg                |
| LD50 dermal rabbit                                       | > 5 g/kg                  |
| ATE US (oral)  | 3600 mg/kg body weight    |

Skin corrosion/irritation : Not classified

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|                                   |  |
|-----------------------------------|--|
| Serious eye damage/irritation     | : Causes serious eye irritation.       |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |

| Eugenol (97-53-0) |                      |
|-------------------|----------------------|
| IARC group        | 3 - Not classifiable |

| Coumarin crystals (91-64-5)              |                             |
|--|-----------------------------|
| IARC group                               | 3 - Not classifiable        |
| National Toxicology Program (NTP) Status | Evidence of Carcinogenicity |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| Benzyl benzoate (120-51-4) |   |
|----------------------------|---|
| LC50 fish 1                | 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])    |
| NOEC (chronic)             | 0.168 mg/l  |
| Eugenol (97-53-0)          |   |
| LC50 fish 1                | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])      |
| Vertenex (32210-23-4)      |   |
| LC50 fish 1                | 8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static]) |

| Ethyl vanillin crystals (121-32-4) |  |
|------------------------------------|--|
| LC50 fish 1                        | 81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |

### 12.2. Persistence and degradability

| Benzyl benzoate (120-51-4)    |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

### 12.3. Bioaccumulative potential

| Benzyl benzoate (120-51-4)                      |                  |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 4                |
| Bioaccumulative potential                       | Not established. |

| Cinnamic aldehyde (104-55-2)                    |                 |
|---|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.22 (at 18 °C) |

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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Exotic Woods #45016F

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

#### 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)

EPA TSCA Regulatory Flag PMN - PMN - indicates a commenced PMN substance.

### 15.2. International regulations

#### CANADA

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

Listed on the Canadian DSL (Domestic Substances List)

##### Eugenol (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

##### Vertenex (32210-23-4)

Listed on the Canadian DSL (Domestic Substances List)

##### Amyl cinnamic aldehyde (122-40-7)

Listed on the Canadian DSL (Domestic Substances List)

##### Cinnamic aldehyde (104-55-2)

Listed on the Canadian DSL (Domestic Substances List)

##### 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)

Listed on the Canadian DSL (Domestic Substances List)

##### Ethyl vanillin crystals (121-32-4)

Listed on the Canadian DSL (Domestic Substances List)

##### Coumarin crystals (91-64-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Oxyphelylon (Raspberry ketone) crystals (5471-51-2)

Listed on the Canadian DSL (Domestic Substances List)

##### Dihydromyrcenol (18479-58-8)

Listed on the Canadian DSL (Domestic Substances List)

### EU-Regulations

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|  |
|--|
| <b>Benzyl benzoate (120-51-4)</b>  |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>Eugenol (97-53-0)</b>   |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>Vertenex (32210-23-4)</b>   |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>Amyl cinnamic aldehyde (122-40-7)</b>   |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)<br>Listed on ELINCS (European List of Notified Chemical Substances) |
| <b>Cinnamic aldehyde (104-55-2)</b>  |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)</b>  |
| Listed on ELINCS (European List of Notified Chemical Substances)   |
| <b>Ethyl vanillin crystals (121-32-4)</b>  |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>Coumarin crystals (91-64-5)</b>   |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>Oxypheylon (Raspberry ketone) crystals (5471-51-2)</b>  |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |
| <b>Dihydromyrcenol (18479-58-8)</b>  |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)   |

### National regulations

|  |
|--|
| <b>Benzyl benzoate (120-51-4)</b>  |
| Listed on the AICS (Australian Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory<br>Listed on the Japanese ISHL (Industrial Safety and Health Law)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory) |
| <b>Eugenol (97-53-0)</b>   |
| Listed on the AICS (Australian Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory<br>Listed on the Japanese ISHL (Industrial Safety and Health Law)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory) |
| <b>Vertenex (32210-23-4)</b>   |
| Listed on the AICS (Australian Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory<br>Listed on the Japanese ISHL (Industrial Safety and Health Law)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory) |



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### **Amyl cinnamic aldehyde (122-40-7)**

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 KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### **Cinnamic aldehyde (104-55-2)**

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 KECL/KECI (Korean Existing Chemicals Inventory)  
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 the TCSI (Taiwan Chemical Substance Inventory)

### **2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
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)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

### **Ethyl vanillin crystals (121-32-4)**

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 KECL/KECI (Korean Existing Chemicals Inventory)  
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 the TCSI (Taiwan Chemical Substance Inventory)

### **Coumarin crystals (91-64-5)**

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 KECL/KECI (Korean Existing Chemicals Inventory)  
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 the TCSI (Taiwan Chemical Substance Inventory)

### **Oxyphelylon (Raspberry ketone) crystals (5471-51-2)**

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 KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
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### Dihydromyrcenol (18479-58-8)

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 ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
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 the TCSI (Taiwan Chemical Substance Inventory)

### 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

| Component  | State or local regulations  |
|--|---|
| 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one(76-22-2) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| Benzyl acetate(140-11-4)                           | U.S. - New Jersey - Right to Know Hazardous Substance List  |

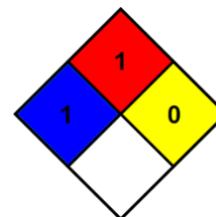
## SECTION 16: Other information

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

Full text of H-phrases:

|      |   |
|------|---|
| H227 | Combustible liquid                              |
| H302 | Harmful if swallowed                            |
| H312 | Harmful in contact with skin                    |
| H315 | Causes skin irritation                          |
| H317 | May cause an allergic skin reaction             |
| H319 | Causes serious eye irritation                   |
| H401 | Toxic to aquatic life                           |
| H411 | Toxic to aquatic life with long lasting effects |

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



SDS US (GHS HazCom 2012)

The data contained in this Safety Data Sheet is accurate to the best knowledge of Fraix Fragrance, applies to the product as supplied by Fraix Fragrance and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Fraix Fragrance. assume responsibility for use or reliance upon this data.

This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact [info@fraix.co.za](mailto:info@fraix.co.za)