

# Cedar Garland #TS038

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 3/16/2015 Revision date: 2/2/2021 Supersedes: 8/8/2017

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Cedar Garland #TS038  
Product code : TS038

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

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

#### 1.3. Supplier

#### 1.4. Emergency telephone number

Emergency number : 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731; Brazil:  
+0-800-591-6042; India: +000-800-100-4086

### 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.                                |
| Skin corrosion/irritation, Category 2         | H315 | Causes skin irritation.                              |
| Serious eye damage/eye irritation, Category 2 | H319 | Causes serious eye irritation.                       |
| Skin sensitisation, Category 1                | H317 | May cause an allergic skin reaction.                 |
| Reproductive toxicity, Category 2             | H361 | Suspected of damaging fertility or the unborn child. |

Full text of H statements : see section 16

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

##### GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H361 - Suspected of damaging fertility or the unborn child.

Precautionary statements (GHS US) :

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  
P270 - Do not eat, drink or smoke when using this product.

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P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear eye protection, face protection, face shield, protective clothing, protective gloves.

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

No additional information available

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

Not applicable

## 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   | 7.2 – 14.4   | Acute Tox. 4 (Oral), H302   |
| Eugenol  | CAS-No.: 97-53-0    | 3.75 – 7.5   | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317   |
| Vertenex   | CAS-No.: 32210-23-4 | 3.375 – 6.75 | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411  |
| Amyl cinnamic aldehyde                                       | CAS-No.: 122-40-7   | 2.85 – 5.7   | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411  |
| Cinnamic aldehyde  | CAS-No.: 104-55-2   | 2.75 – 5.5   | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317  |
| Butylphenyl methylpropional                                  | CAS-No.: 80-54-6    | 2.375 – 4.75 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Repr. 2, H361<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| Ethyl vanillin crystals                                      | CAS-No.: 121-32-4   | 1.5 – 3      | Acute Tox. 4 (Oral), H302   |
| Coumarin crystals  | CAS-No.: 91-64-5    | 1.325 – 2.65 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Dermal), H311<br>Skin Sens. 1B, H317<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411                               |
| Oxypheylon (Raspberry ketone) crystals                       | CAS-No.: 5471-51-2  | 1.25 – 2.5   | Acute Tox. 4 (Oral), H302   |
| Dihydromyrcenol  | CAS-No.: 18479-58-8 | 1 – 2        | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319  |
| 2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol | CAS-No.: 28219-60-5 | 0.75 – 1.5   | Skin Irrit. 2, H315   |

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

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### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.   |
| First-aid measures after skin contact | : Wash with plenty of water/... Wash contaminated clothing before reuse. If skin irritation occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water, Call a physician immediately on this label). If skin irritation or rash occurs: Get immediate medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. 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. Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. If eye irritation persists: Get medical advice/attention.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel unwell.  |

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

|   |  |
|---|--|
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. Harmful if swallowed.  |
| Symptoms/effects                                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation                   | : May cause an allergic skin reaction.   |
| Symptoms/effects after skin contact                 | : Causes skin irritation. Irritation. May cause an allergic skin reaction.                 |
| Symptoms/effects after eye contact                  | : Causes serious eye irritation. Eye irritation.   |
| Symptoms/effects after ingestion                    | : Swallowing a small quantity of this material will result in serious health hazard.       |

#### 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   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

#### 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

|                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

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### 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. Evacuate unnecessary personnel. Avoid contact with skin and eyes.  
Avoid breathing dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

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

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust, fume, mist, gas, spray, vapours. Wear personal protective equipment. Avoid contact with skin and eyes.

Hygiene measures : Wash hands thoroughly after handling. 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 : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 25 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### Hand protection:

Wear protective gloves.

##### Eye protection:

Chemical goggles or safety glasses. Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

##### Personal protective equipment symbol(s):



##### Other information:

Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

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

|   |                                      |
|---|--------------------------------------|
| Physical state                                  | : Liquid                             |
| Colour  | : light yellow amber                 |
| Odour   | : characteristic                     |
| Odour threshold                                 | : No data available                  |
| pH  | : No data available                  |
| Melting point                                   | : Not applicable                     |
| Freezing point                                  | : No data available                  |
| Boiling point                                   | : No data available                  |
| Flash point                                     | : > 93.33 °C (closed cup) ASTM D7094 |
| Relative evaporation rate (butylacetate=1)      | : No data available                  |
| Flammability (solid, gas)                       | : Not applicable.                    |
| Vapour pressure                                 | : No data available                  |
| Relative vapour density at 20 °C                | : No data available                  |
| Relative density                                | : 1.03                               |
| Solubility                                      | : No data available                  |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                  |

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|                           |                     |
|---------------------------|---------------------|
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic      | : No data available |
| Viscosity, dynamic        | : No data available |
| Explosive limits          | : No data available |
| Explosive properties      | : No data available |
| Oxidising 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

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## 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        |

| Cedar Garland #TS038                               |                           |
|--|---------------------------|
| ATE US (oral)                                      | 1938.672 mg/kg bodyweight |
| Dihydromyrcenol (18479-58-8)                       |                           |
| LD50 oral rat                                      | 3600 mg/kg                |
| LD50 dermal rabbit                                 | > 5 g/kg                  |
| ATE US (oral)                                      | 3600 mg/kg bodyweight     |
| Oxypheylon (Raspberry ketone) crystals (5471-51-2) |                           |
| LD50 oral rat                                      | 1320 mg/kg                |
| LD50 dermal rat                                    | > 2000 mg/kg              |

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|   |   |
|---|---|
| <b>Oxyphelyon (Raspberry ketone) crystals (5471-51-2)</b> |   |
| ATE US (oral)   | 1320 mg/kg bodyweight                         |
| <b>Coumarin crystals (91-64-5)</b>                        |   |
| LD50 oral rat   | > 5000 mg/kg                                  |
| LD50 dermal rat   | 293 mg/kg                                     |
| ATE US (oral)   | 500 mg/kg bodyweight                          |
| ATE US (dermal)   | 293 mg/kg bodyweight                          |
| <b>Ethyl vanillin crystals (121-32-4)</b>                 |   |
| LD50 oral rat   | 1590 mg/kg                                    |
| LD50 dermal rat   | > 2000 mg/kg                                  |
| ATE US (oral)   | 1590 mg/kg bodyweight                         |
| <b>Butylphenyl methylpropional (80-54-6)</b>              |   |
| LD50 oral rat   | 1390 mg/kg                                    |
| LD50 dermal rabbit  | > 5000 mg/kg                                  |
| LC50 Inhalation - Rat                                     | > 1802 mg/m <sup>3</sup> (Exposure time: 4 h) |
| ATE US (oral)   | 1390 mg/kg bodyweight                         |
| <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 bodyweight                         |
| ATE US (dermal)   | 1260 mg/kg bodyweight                         |
| <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 bodyweight                         |
| <b>Vertenex (32210-23-4)</b>                              |   |
| LD50 oral rat   | 5 g/kg  |
| LD50 dermal rabbit  | > 5000 mg/kg                                  |
| ATE US (oral)   | 5000 mg/kg bodyweight                         |
| <b>Eugenol (97-53-0)</b>                                  |   |
| LD50 oral rat   | 1930 mg/kg                                    |
| ATE US (oral)   | 1930 mg/kg bodyweight                         |
| <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 bodyweight                          |
| ATE US (dermal)   | 4000 mg/kg bodyweight                         |

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

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

|  |                             |
|--|-----------------------------|
| IARC group                               | 3 - Not classifiable        |
| National Toxicology Program (NTP) Status | Evidence of Carcinogenicity |

### Eugenol (97-53-0)

|   |  |
|---|--|
| IARC group  | 3 - Not classifiable   |
| Reproductive toxicity                               | : Suspected of damaging fertility or the unborn child.                                     |
| STOT-single exposure                                | : Not classified   |
| STOT-repeated exposure                              | : Not classified   |
| Aspiration hazard                                   | : Not classified   |
| Viscosity, kinematic                                | : No data available  |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. Harmful if swallowed.  |
| Symptoms/effects                                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation                   | : May cause an allergic skin reaction.   |
| Symptoms/effects after skin contact                 | : Causes skin irritation. Irritation. May cause an allergic skin reaction.                 |
| Symptoms/effects after eye contact                  | : Causes serious eye irritation. Eye irritation.   |
| Symptoms/effects after ingestion                    | : Swallowing a small quantity of this material will result in serious health hazard.       |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : Toxic to aquatic life with long lasting effects. |
| Ecology - water   | : Toxic to aquatic life with long lasting effects. |

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

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
|-----------------|--|

### Butylphenyl methylpropional (80-54-6)

|                      |  |
|----------------------|--|
| LC50 - Fish [1]      | 2.2 – 4.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) |
| EC50 - Crustacea [1] | 10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)                   |

### Vertenex (32210-23-4)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static]) |
|-----------------|---|

### Eugenol (97-53-0)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-----------------|--|

### 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   |

### 12.2. Persistence and degradability

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|                               |  |
|-------------------------------|--|
| Persistence and degradability | May cause long-term adverse effects in the environment. Not established. |
|-------------------------------|--|

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

|                               |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---|

### 12.3. Bioaccumulative potential

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|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

### Butylphenyl methylpropional (80-54-6)

|   |                |
|---|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.2 (at 24 °C) |
|---|----------------|

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

|   |                 |
|---|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.22 (at 18 °C) |
|---|-----------------|

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

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

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|  |   |
|--|---|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations. |
| Ecology - waste materials                  | : Avoid release to the environment.   |

## SECTION 14: Transport information

In accordance with Department of Transport

### 14.1. UN number

DOT NA No : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

### 14.3. Transport hazard class(es)

**DOT**  
Transport hazard class(es) (DOT) : Not applicable

### 14.4. Packing group

Packing group (DOT) : Not applicable

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### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### DOT

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

### 15.2. International regulations

#### CANADA

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

#### Butylphenyl methylpropional (80-54-6)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

### 2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-60-5)

Listed on the Canadian NDSL (Non-Domestic Substances List)

## EU-Regulations

### Dihydromyrcenol (18479-58-8)

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

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

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

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

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

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

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

### Butylphenyl methylpropional (80-54-6)

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

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

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

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

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

Listed on ELINCS (European List of Notified Chemical Substances)

### Vertenex (32210-23-4)

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

### Eugenol (97-53-0)

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

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

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

### 2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-60-5)

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

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### National regulations

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

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (National Chemicals Inventory)

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

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (National Chemicals Inventory)

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

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
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Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
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#### Ethyl vanillin crystals (121-32-4)

Listed on the AICS (Australian Inventory of Chemical Substances)  
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Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
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Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
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### Butylphenyl methylpropional (80-54-6)

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Listed on the TCSI (Taiwan Chemical Substance Inventory)  
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### Cinnamic aldehyde (104-55-2)

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

Listed on the AICS (Australian Inventory of Chemical Substances)  
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Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
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### Vertenex (32210-23-4)

Listed on the AICS (Australian Inventory of Chemical Substances)  
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### Eugenol (97-53-0)

Listed on the AICS (Australian Inventory of Chemical Substances)  
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### Benzyl benzoate (120-51-4)

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### 2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (28219-60-5)

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

## SECTION 16: Other information

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

Revision date : 02/02/2021  
Other information : None.

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| Full text of H-statements |  |
|---------------------------|--|
| H227                      | Combustible liquid                                   |
| H302                      | Harmful if swallowed.                                |
| H311                      | Toxic in contact with skin.                          |
| H312                      | Harmful in contact with skin.                        |
| H315                      | Causes skin irritation.                              |
| H317                      | May cause an allergic skin reaction.                 |
| H319                      | Causes serious eye irritation.                       |
| H361                      | Suspected of damaging fertility or the unborn child. |
| H401                      | Toxic to aquatic life                                |
| H411                      | Toxic to aquatic life with long lasting effects.     |

NFPA health hazard

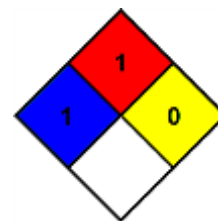
: 1 - Materials that, under emergency conditions, can cause significant irritation.

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.



Safety Data Sheet (SDS), USA

The data contained in this Safety Data Sheet is accurate to the best knowledge of the manufacturer, applies to the product as supplied by the manufacturer 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 the manufacturer 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 the supplier.