

# PLUME™

THE ART OF ATMOSPHERE

## Safety Data Sheet

*This Safety Data Sheet was prepared using supplier hazard data and classified in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).*

Revision 1.0 | August 10, 2026

---

### 24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300

Contract ID: CCN1026268

#### SECTION 1

## Identification

---

|                    |                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name       | Bushel & Branch                                                                                                                                                                         |
| Product Code / SKU | P-CO-41                                                                                                                                                                                 |
| Product Type       | Fragrance Oil Blend                                                                                                                                                                     |
| Collection         | Coordinates                                                                                                                                                                             |
| Manufacturer       | <b>PLUME™</b><br><br>Louisiana, USA<br><a href="http://www.PlumeFragrance.com">www.PlumeFragrance.com</a><br><a href="mailto:contact@plumefragrance.com">contact@plumefragrance.com</a> |

#### Recommended Use

Fragrance ingredient for candles, melts, soap and home fragrance products. PLUME™ fragrances are carefully developed to deliver exceptional preformance in candle applications while remaining versatile for use across multiple fragranced products when used within applicable IFRA usage limits.

#### Restrictions on Use

Supplied as a fragrance ingredient for further manufacturing only. Not intended to be used undiluted or as a finished consumer product. Do not use in food, drugs, or apply directly to skin unless the finished product has been appropriately formulated, evaluated for safety, and complies with applicable regulations and IFRA Standards.

Prepared By PLUME™ Regulatory Affairs

# Hazard Identification

## Classification

### Hazard Class

|                       | Category |
|-----------------------|----------|
| Skin Irritation       | 2        |
| Skin Sensitization    | 1        |
| Reproductive Toxicity | 2        |

## Hazard Statements

### Signal Word: **WARNING**

|             |                                                      |
|-------------|------------------------------------------------------|
| <b>H315</b> | Causes skin irritation.                              |
| <b>H317</b> | May cause an allergic skin reaction.                 |
| <b>H361</b> | Suspected of damaging fertility or the unborn child. |

## Precautionary Statements

|                  |                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P201</b>      | Obtain special instructions before use.                                                                                                                             |
| <b>P202</b>      | Do not handle until all safety precautions have been read and understood.                                                                                           |
| <b>P261</b>      | Avoid breathing dust, fume, gas, mist, vapours, spray.                                                                                                              |
| <b>P264</b>      | Wash hands, forearms and face thoroughly after handling.                                                                                                            |
| <b>P272</b>      | Contaminated work clothing must not be allowed out of the workplace.                                                                                                |
| <b>P280</b>      | Wear protective gloves, protective clothing, eye protection, face protection.                                                                                       |
| <b>P302+P352</b> | IF ON SKIN: Wash with plenty of water.                                                                                                                              |
| <b>P308+P313</b> | IF exposed or concerned: Get medical advice/attention.                                                                                                              |
| <b>P321</b>      | Specific treatment (see supplemental first aid instruction on this label).                                                                                          |
| <b>P333+P313</b> | If skin irritation or rash occurs: Get medical advice/attention.                                                                                                    |
| <b>P362+P364</b> | Take off contaminated clothing and wash it before reuse.                                                                                                            |
| <b>P405</b>      | Store locked up.                                                                                                                                                    |
| <b>P501</b>      | Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations. |

## GHS Pictograms



# Composition / Information on Ingredients

## Substance Type

Mixture – Proprietary Fragrance Oil Blend

Hazardous components are listed below in accordance with applicable hazard communication requirements.

## Hazardous Ingredients

| Ingredient Name                                                                        | CAS No.    | %      | GHS US Classification                                                                 |
|----------------------------------------------------------------------------------------|------------|--------|---------------------------------------------------------------------------------------|
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso E Super) | 54464-57-2 | 5–10%  | Skin Irrit. 2 (H315), Skin Sens. 1B (H317)                                            |
| Benzyl Salicylate                                                                      | 118-58-1   | 1–5%   | Eye Irrit. 2A (H319), Skin Sens. 1B (H317), Aquatic Acute 4 (H302)                    |
| Benzyl Benzoate                                                                        | 120-51-4   | 1–5%   | Acute Tox. 4 (Oral) (H302)                                                            |
| Geraniol                                                                               | 106-24-1   | 1–5%   | Skin Irrit. 2 (H315), Eye Dam. 1 (H318), Skin Sens. 1B (H317)                         |
| Amyl Salicylate                                                                        | 2050-08-0  | 1–5%   | Acute Tox. 4 (Oral) (H302)                                                            |
| Linalool                                                                               | 78-70-6    | 1–5%   | Flam. Liq. 4 (H227), Skin Irrit. 2 (H315), Eye Irrit. 2A (H319), Skin Sens. 1B (H317) |
| Coumarin                                                                               | 91-64-5    | 1–5%   | Acute Tox. 4 (Oral) (H302)                                                            |
| 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one                    | 21145-77-7 | 1–5%   | Acute Tox. 4 (Oral) (H302)                                                            |
| Hexyl Cinnamal                                                                         | 101-86-0   | 1–5%   | Skin Sens. 1B (H317)                                                                  |
| Acetyl Cedrene                                                                         | 32388-55-9 | 1–5%   | Skin Sens. 1B (H317)                                                                  |
| Linalyl Acetate                                                                        | 115-95-7   | 1–5%   | Flam. Liq. 4 (H227), Skin Irrit. 2 (H315), Eye Irrit. 2A (H319), Skin Sens. 1B (H317) |
| Pentadecalactone                                                                       | 106-02-5   | 1–5%   | Skin Sens. 1B (H317)                                                                  |
| Helional                                                                               | 1205-17-0  | 0.1–1% | Skin Sens. 1B (H317), Repr. 2 (H361)                                                  |
| Citral                                                                                 | 5392-40-5  | 0.1–1% | Skin Irrit. 2 (H315), Eye Irrit. 2A (H319), Skin Sens. 1 (H317)                       |

# First Aid Measures

---

## Description of First Aid Measures

### First-aid measures general:

If exposed or concerned: Get medical advice/attention.

### First-aid measures after inhalation:

Supply fresh air and seek medical attention if symptoms occur. In case of unconsciousness, place the patient in a stable side position for transportation.

### 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 eyes with water as a precaution.

### First-aid measures after ingestion:

Call a poison center/doctor/physician if you feel unwell.

## Most Important Symptoms and Effects (Acute and Delayed)

### Symptoms/effects after inhalation:

None under normal conditions.

### Symptoms/effects after skin contact:

Irritation. May cause an allergic skin reaction.

### Symptoms/effects after eye contact:

None under normal conditions.

### Symptoms/effects after ingestion:

None under normal conditions.

Treat symptomatically.

## Immediate Medical Attention and Special Treatment, if Necessary

# Fire Fighting Measures

---

## Suitable (and Unsuitable) Extinguishing Media

Suitable extinguishing media:

Water spray

Dry powder

Foam

Carbon dioxide

Unsuitable extinguishing media:

Do not use a heavy water stream.

## Specific Hazards Arising from the Chemical

Fire hazard:

No fire hazard.

Explosion hazard:

No direct explosion hazard.

## Special Protective Equipment and Precautions for Fire-fighters

Firefighting instructions:

Fight fire from a safe distance and protected location.

Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting:

Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus.

Complete protective clothing.

## Accidental Release Measures

---

### **Personal Precautions, Protective Equipment and Emergency Procedures**

#### **General measures:**

Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

#### **For non-emergency personnel:**

Wear recommended personal protective equipment.

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

#### **For emergency responders**

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

:Evacuate unnecessary personnel. Stop leak if safe to do so.

### **Environmental Precautions**

Avoid release to the environment.

#### **Methods and material for containment and cleaning up:**

Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

#### **Methods for cleaning up**

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

#### **Additional information:**

Dispose of materials or solid residues at an authorized site.

## Handling and Storage

---

### **Additional hazards when processed**

Not expected to present a significant hazard under anticipated conditions of normal use.

### **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.

Wear personal protective equipment.

Avoid contact with skin and eyes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

### **Hygiene measures**

Wash contaminated clothing before reuse.

Contaminated work clothing should not be allowed out of the workplace.

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

Always wash hands after handling the product.

### **Conditions for Safe Storage, Including Any Incompatibilities**

#### **Technical measures**

Keep in a cool, well-ventilated place away from heat.

#### **Storage conditions**

Store locked up.

#### **Packaging materials**

Always store product in container of same material as original container.

# Exposure Controls / Personal Protection

## Control Parameters

### Component Exposure Limit

ALLYL CYCLO HEXYL PROPIONATE (2705-87-5) Not applicable  
 p-Mentha-1,4-diene (99-85-4) Not applicable  
 LINALOOL (78-70-6) Not applicable  
 GERANIOL (106-24-1) Not applicable  
 ETHYL LINALOOL (10339-55-6) Not applicable  
 2-ethyl-3-hydroxypyran-4-one (4940-11-8) Not applicable  
 2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)- (63500-71-0) Not applicable  
 Iso E Super (54464-57-2) Not applicable  
 Cyclohexanemethanol, 4-(1-methylethyl)- (13828-37-0) Not applicable  
 Pentadecalactone (106-02-5) Not applicable

## Appropriate Engineering Controls

### Appropriate engineering controls

Ensure good ventilation of the work station.

### Environmental exposure controls

Avoid release to the environment.

## Individual Protection Measures / Personal Protective Equipment

### Personal protective equipment

Wear recommended personal protective equipment.

### Hand protection

Protective gloves.

### Eye protection

Safety glasses.

### Skin and body protection

Wear suitable protective clothing.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### Personal protective equipment symbol(s)

Safety glasses icon

Protective gloves icon

# Physical and Chemical Properties

|                                                        |                   |
|--------------------------------------------------------|-------------------|
| <b>Physical state</b>                                  | Liquid            |
| <b>Color</b>                                           | No data available |
| <b>Odor</b>                                            | No data available |
| <b>Odor threshold</b>                                  | No data available |
| <b>pH</b>                                              | No data available |
| <b>Melting point</b>                                   | Not applicable    |
| <b>Freezing point</b>                                  | No data available |
| <b>Boiling point</b>                                   | No data available |
| <b>Flash point</b>                                     | > 212°F           |
| <b>Relative evaporation rate (butyl acetate = 1)</b>   | No data available |
| <b>Flammability</b>                                    | Not applicable    |
| <b>Vapor pressure</b>                                  | No data available |
| <b>Relative vapor density at 20°C</b>                  | No data available |
| <b>Relative density</b>                                | No data available |
| <b>Solubility</b>                                      | No data available |
| <b>Partition coefficient n-octanol/water (Log Pow)</b> | No data available |
| <b>Auto-ignition temperature</b>                       | No data available |
| <b>Decomposition temperature</b>                       | No data available |
| <b>Viscosity, dynamic</b>                              | No data available |
| <b>Viscosity, kinematic</b>                            | No data available |
| <b>Explosion limits</b>                                | No data available |
| <b>Explosive properties</b>                            | No data available |
| <b>Oxidizing properties</b>                            | No data available |

# Stability and Reactivity

---

## Reactivity

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

## Chemical Stability

Stable under normal conditions.

## Possibility of Hazardous Reactions

No dangerous reactions known.

## Conditions to Avoid

No further relevant information available.

## Incompatible Materials

No further relevant information available.

## Hazardous Decomposition Products

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

# Toxicological Information

---

## 11.1 Information on Toxicological Effects

### Acute Toxicity (Oral)

No data available

### Acute Toxicity (Dermal)

No data available

### Acute Toxicity (Inhalation)

No data available

### ALLYL CYCLO HEXYL PROPIONATE (2705-87-5)

| Test            | Result                 |
|-----------------|------------------------|
| ATE US (oral)   | 580 mg/kg body weight  |
| ATE US (dermal) | 1600 mg/kg body weight |

### p-Mentha-1,4-diene (99-85-4)

| Test          | Result                 |
|---------------|------------------------|
| ATE US (oral) | 3650 mg/kg body weight |

### LINALOOL (78-70-6)

| Test               | Result                                                                                                            |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| LD50 Oral Rat      | 2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s)) |
| LD50 Dermal Rabbit | 5610 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal, 7 day(s))          |
| ATE US (oral)      | 2790 mg/kg body weight                                                                                            |
| ATE US (dermal)    | 5610 mg/kg body weight                                                                                            |

### GERANIOL (106-24-1)

| Test          | Result                                                                         |
|---------------|--------------------------------------------------------------------------------|
| LD50 Oral Rat | 3600 mg/kg body weight (Rat, Male/female, Experimental value, Oral, 14 day(s)) |

# Ecological Information

---

## Toxicity

### Aquatic toxicity:

No further relevant information available.

### Persistence and Degradability

LINALOOL (78-70-6)

Readily biodegradable in water.

GERANIOL (106-24-1)

Readily biodegradable in water.

ETHYL LINALOOL (10339-55-6)

Biodegradability in water: no data available.

2-ethyl-3-hydroxypyran-4-one (4940-11-8)

Biodegradability in water: no data available.

2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)- (63500-71-0)

Biodegradability in water: no data available.

Cyclohexanemethanol, 4-(1-methylethyl)- (13828-37-0)

Biodegradability in water: no data available.

### Bioaccumulative Potential

LINALOOL (78-70-6)

Partition coefficient n-octanol/water (Log Pow): 2.84

Low potential for bioaccumulation

GERANIOL (106-24-1)

Partition coefficient n-octanol/water (Log Pow): 2.6

Low potential for bioaccumulation

ETHYL LINALOOL (10339-55-6)

No bioaccumulation data available.

2-ethyl-3-hydroxypyran-4-one (4940-11-8)

No bioaccumulation data available.

2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)- (63500-71-0)

No bioaccumulation data available.

Cyclohexanemethanol, 4-(1-methylethyl)- (13828-37-0)

No bioaccumulation data available.

### Mobility in Soil

LINALOOL (78-70-6)

Surface tension: 8.3 mN/m (20°C)

No mobility data available.

GERANIOL (106-24-1)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 1.85

Highly mobile in soil.

2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)- (63500-71-0)

No mobility data available.

### Results of PBT and vPvB Assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

# Disposal Considerations

---

## Regional waste regulation

### Waste treatment methods

Disposal must be done according to official regulations.

### Sewage disposal recommendations

**Dispose of contents/container in accordance with licensed collector's sorting instructions.**

### Product/Packaging disposal recommendations

Disposal must be done according to official regulations.

### Additional information

Disposal must be done according to official regulations.

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Disposal must be done according to official regulations.

Disposal must be done according to official regulations.

Do not re-use empty containers.

## Transport Information

---

### Department of Transportation (DOT)

In accordance with DOT Not regulated

No (test)data on mobility of the substance available.

Disposal must be done according to official regulations.

Dispose of contents/container in accordance with licensed collector's sorting instructions. : Disposal must be done according to official regulations.

Disposal must be done according to official regulations.

Do not re-use empty containers.

## Regulatory Information

---

### US Federal Regulations

#### No additional information available.

This product or mixture is not known to 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.

## Other Information

---

### Revision History

| Version | Date       | Description     |
|---------|------------|-----------------|
| 1       | 08/10/2026 | Initial release |

### Disclaimer

The information contained in this Safety Data Sheet is believed to be accurate and is based on information available at the date of publication. It is provided solely as guidance for the safe handling, storage, transportation, use, and disposal of this product. No warranty, expressed or implied, is made regarding its accuracy or completeness. Users are responsible for determining the suitability of this product for their intended application and for complying with all applicable laws and regulations.

