

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 17, 2026

24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300

Contract ID: CCN1026268

SECTION 1

Identification

Product Name	Ripe Fig & Vetiver
Product Code / SKU	P-CO-23
Product Type	Fragrance Oil Blend
Collection	Coordinates
Manufacturer	PLUME™ Louisiana, USA www.PlumeFragrance.com contact@plumefragrance.com

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 Corrosion / Irritation	2
Skin Sensitization	1
Toxic to Reproduction	2
Carcinogenicity	2

Signal Word: **WARNING**

Hazard Statements

H317	May cause an allergic skin reaction
H361	Suspected of damaging fertility or the unborn child (exposure route)
H315	Causes skin irritation
H351	Suspected of causing cancer

Precautionary Statements

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



Other Hazards

No additional information available

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 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)
Linalyl Acetate	115-95-7	1–5%	Flam. Liq. 4 (H227); Skin Irrit. 2 (H315); Eye Irrit. 2B (H320); Skin Sens. 1B (H317)
Ethyl Linalool	10339-55-6	1–5%	Flam. Liq. 4 (H227); Eye Irrit. 2A (H319); Skin Sens. 1B (H317)
Benzyl Salicylate	118-58-1	1–5%	Eye Irrit. 2B (H320); Skin Sens. 1B (H317)
Coumarin	91-64-5	1–5%	Acute Tox. 4, Oral (H302); Skin Sens. 1B (H317)
Limonene	5989-27-5	1–5%	Flam. Liq. 3 (H226); Skin Irrit. 2 (H315); Asp. Tox. 1 (H304); Skin Sens. 1B (H317)
Cedrol Methyl Ether	19870-74-7	1–5%	Skin Sens. 1B (H317)
Linalool	78-70-6	1–5%	Flam. Liq. 4 (H227); Skin Irrit. 2 (H315); Eye Irrit. 2A (H319); Skin Sens. 1B (H317)
Vanillin	121-33-5	1–5%	Eye Irrit. 2A (H319)
p-Mentha-1,4-diene	99-85-4	0.1–1%	Flam. Liq. 3 (H226); Repr. 2 (H361); Asp. Tox. 1 (H304)
Myrcene	123-35-3	0.1–1%	Flam. Liq. 3 (H226); Skin Irrit. 2 (H315); Eye Irrit. 2A (H319); Carc. 2 (H351); Asp. Tox. 1 (H304)

Section 4

First Aid Measures

Description of First-Aid Measures

Eye Contact (IF IN EYES)

Rinse eyes with water as a precaution

Skin Contact (IF ON SKIN)

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation

Remove person to fresh air and keep comfortable for breathing

Ingestion

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

Most important symptoms and effects, both acute and delayed symptoms

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

Section 5

Fire Fighting Measures

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Unsuitable extinguishing media: Do not use a heavy water stream

Special hazards arising from the substance or mixture

Fire hazard Explosion hazard: No fire hazard, No direct explosion hazard.

Advice for fire fighters:

Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection

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

Protective Equipment

Wear recommended personal protective equipment.

Emergency Procedures

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

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.

Emergency Procedures

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

Environmental Precautions

Avoid release to the environment. Prevent entry into drains, surface waters, groundwater, and soil.

Methods and Material for Containment and Cleaning Up

Absorb spilled material with sand, earth, vermiculite, or other inert absorbent material. Collect and place in suitable containers for disposal. Dispose of in accordance with local, state, and federal regulations.

Handling and Storage

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/vapors/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.

Specific end use(s)

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices

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

The supplier lists the following components, with no applicable occupational exposure limits:

Component	CAS No.	Exposure Limit
Benzyl Salicylate	118-58-1	Not applicable
Myrcene	123-35-3	Not applicable
p-Mentha-1,4-diene	99-85-4	Not applicable
Limonene	5989-27-5	Not applicable
Linalool	78-70-6	Not applicable
Linalyl Acetate	115-95-7	Not applicable
Cedrol Methyl Ether	19870-74-7	Not applicable
Coumarin	91-64-5	Not applicable
Ethyl Linalool	10339-55-6	Not applicable
Iso E Super	54464-57-2	Not applicable
Vanillin	121-33-5	Not applicable

Exposure Controls / Personal Protection

Appropriate Engineering Controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Environmental exposure controls:

Avoid release to the environment.

Personal Protective Equipment

General:

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.

Section 9

Physical and Chemical Properties

Property	Value
Physical state	Liquid
Color	No data available
Odor	No data available
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	≈ 96°C (≈ 205°F)
Relative evaporation rate (butyl acetate=1)	No data available
Flammability	Not applicable
Vapor pressure	No data available
Relative vapor density at 20°C	No data available
Relative density	No data available
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

Stability and Reactivity

Reactivity

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

Chemical Stability

Stable under normal conditions of storage and handling.

Possibility of Hazardous Reactions

No dangerous reactions known under normal conditions of use.

Conditions to Avoid

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

Incompatible Materials

No additional information available

Hazardous Decomposition Products

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

Toxicological Information

This mixture has not been tested as a whole for health effects. Health effects have been calculated using the methods outlined in the UN GHS.

Toxicological Classification

Acute Toxicity	No data available
Acute Toxicity (Oral)	No data available
Acute Toxicity (Dermal)	Not available
Acute Toxicity (Inhalation)	Not available
Skin Corrosion / Irritation	Causes skin irritation
Serious Eye Damage / Irritation	No data available
Respiratory or Skin Sensitization	May cause an allergic skin reaction
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child
STOT — Single Exposure	Based on available data, the classification criteria are not met
STOT — Repeated Exposure	Based on available data, the classification criteria are not met
Aspiration Hazard	Based on available data, the classification criteria are not met

Viscosity, kinematic:	No data available.
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.

Component toxicological data

Component	Toxicological Data
Benzyl Salicylate (118-58-1)	LD50 Oral, Rat: 3031–3339 mg/kg; LD50 Dermal, Rabbit: >2000 mg/kg; ATE Oral: 2200 mg/kg
Myrcene (123-35-3)	LD50 Oral, Rat: >11,390 mg/kg; LD50 Dermal, Rabbit: >5000 mg/kg; ATE Dermal: 5000 mg/kg
p-Mentha-1,4-diene (99-85-4)	ATE Oral: 3650 mg/kg
Limonene (5989-27-5)	LD50 Oral, Rat: >2000 mg/kg; LD50 Dermal, Rabbit: >5000 mg/kg
Linalool (78-70-6)	LD50 Oral, Rat: 2790 mg/kg; LD50 Dermal, Rabbit: 5610 mg/kg; ATE Oral: 2790 mg/kg; ATE Dermal: 5610 mg/kg
Coumarin (91-64-5)	LD50 Oral, Rat: 293 mg/kg; ATE Oral: 293 mg/kg
Ethyl Linalool (10339-55-6)	ATE Oral: 5000 mg/kg
Vanillin (121-33-5)	LD50 Oral, Rat: 3300 mg/kg; LD50 Dermal, Rat: >2000 mg/kg; ATE Oral: 3300 mg/kg; ATE Dermal: 2600 mg/kg

Ecological Information

Toxicity

BENZYL SALICYLATE (118-58-1)

LC50 – Fish: 1.03 mg/L

EC50 – Crustacea: 1.16 mg/L

MYRCENE (123-35-3)

LC50 – Fish: 0.92 mg/L

EC50 – Crustacea: 0.45 mg/L

NOEC – Chronic Crustacea: 0.12 mg/L

LIMONENE (5989-27-5)

LC50 – Fish: 720 µg/L

EC50 – Crustacea: 0.36 mg/L

LINALOOL (78-70-6)

LC50 – Fish: 27.8 mg/L

EC50 – Crustacea: 59 mg/L

EC50 – Algae: 196.7 mg/L

LINALYL ACETATE (115-95-7)

LC50 – Fish: 11 mg/L

EC50 – Crustacea: 15 mg/L

COUMARIN (91-64-5)

LC50 – Fish: 2 mg/L

EC50 – Crustacea: 24.3–36.9 mg/L

VANILLIN (121-33-5)

LC50 – Fish: 57 mg/L

EC50 – Crustacea: 36.78 mg/L

EC50 – Algae: 630 mg/L

Persistence and degradability

Benzyl Salicylate: Readily biodegradable in water.

Limonene: Readily biodegradable in water.

Linalool: Readily biodegradable in water.

Linalyl Acetate: Readily biodegradable in water.

Coumarin: Readily biodegradable in water.

Ethyl Linalool: Biodegradability in water: no data available.

Vanillin: Readily biodegradable in water.

Bioaccumulative potential

Benzyl Salicylate

BCF: 1170

Log Pow: 4

Potentially bioaccumulative.

Limonene

BCF: 854.8–1092

Log Pow: 4.38

Potential for bioaccumulation.

Linalool

Log Pow: 2.84

Low potential for bioaccumulation.

Linalyl Acetate

Log Pow: 3.93

Low potential for bioaccumulation.

Coumarin

Log Pow: 1.38

Low potential for bioaccumulation.

Ethyl Linalool

No bioaccumulation data available.

Vanillin

Log Pow: 1.17

Low potential for bioaccumulation.

Mobility in soil

BENZYL BENZOATE (120-51-4)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 1.85

Highly mobile in soil.

LINALYL ACETATE (115-95-7)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 1.38

Low potential for mobility in soil.

PHENYL ETHYL ALCOHOL (60-12-8)

Log Koc: 1.38

Adsorbs into the soil.

Disposal Considerations

Category	Requirement
Regional waste regulation	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Disposal must be done according to official regulations.
Additional information	Do not re-use empty containers.

Transport Information

Department of Transportation (DOT)

In accordance with DOT: Not regulated

Regulatory Information

15.1. 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	08/17/2026	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.