

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 26, 2026

24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300

Contract ID: CCN1026268

SECTION 1

Identification

Product Name	Mr. Lester
Product Code / SKU	P-AD-49
Product Type	Fragrance Oil Blend
Collection	After Dark
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 performance 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 of the substance or mixture

GHS US classification

Serious eye damage/eye irritation, Category 2

Skin sensitization, Category 1

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Hazard pictograms (GHS US)

GHS US labeling



Signal word (GHS US): WARNING

Hazard statements (GHS US):

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Precautionary statements (GHS US)

Precautionary statements (GHS US):

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, protective clothing, eye protection, face protection.

P302+P352 - If on skin: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.

P337+P313 - If eye irritation persists: Get medical advice or attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents and/or container in accordance with local, regional, national and/or international regulations.

Other Hazards

No additional information available

Composition/Information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Product Identifier	%	GHS US classification
VANILLIN	CAS No. 121-33-5	1-5	Skin Sens. 1, H317
ETHYL VANILLIN	CAS No. 121-32-4	1-5	Eye Irrit. 2, H319
1,3-BENZODIOXOLE-5-CARBALDEHYDE	CAS No. 120-57-0	1-5	No additional information available
CYCLOHEXYL LACTONE	CAS No. 695-06-7	1-5	No additional information available
EUGENOL	CAS No. 97-53-0	1-5	Skin Sens. 1, H317; Eye Irrit. 2, H319
LIMONENE	CAS No. 5989-27-5	1-5	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Asp. Tox. 1, H304

SECTION 4

First-aid measures

4.1 Description of first aid measures

First-aid measures general: If exposed or concerned, get medical advice/attention.

First-aid measures after inhalation: Move to fresh air.

First-aid measures after skin contact: Wash with plenty of water. Remove contaminated clothing. Get medical attention for irritation or rash.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

First-aid measures after ingestion: Call a poison center/doctor if you feel unwell.

4.2 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: Eye irritation.

Symptoms/effects after ingestion: None under normal conditions.

4.3 Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5

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

Fire Hazard: No fire hazard.

Explosion Hazard: No direct explosion hazard

Special protective equipment and precautions for fire-fighters

Firefighting instructions

Fight fire from 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

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. Obtain special instructions before use. Wear personal protective equipment. Avoid contact with skin and eyes and breathing vapors or spray. Wash hands after handling. Store locked up. Keep cool and well ventilated away from heat. Store in container of same material as original.

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 in a well-ventilated place. Keep cool.

Packaging materials: Always store product in container of same material as original container.

Exposure Controls / Personal Protection

Control Parameters

Not applicable.

Eye / Skin Protection

Wear protective gloves, safety glasses and suitable protective clothing.

Respiratory Protection

Wear respiratory protection if ventilation is inadequate.

Engineering Controls

Ensure good ventilation.

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	> 100 °C
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

Section 10

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

No additional information available.

Incompatible Materials

No incompatible materials listed.

Hazardous Decomposition Products

Hazardous decomposition products are not expected under normal conditions.

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)	No data available
Acute Toxicity (Inhalation)	No data available
Skin Corrosion / Irritation	No data available
Serious Eye Damage / Irritation	No data available
Respiratory or Skin Sensitization	
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
STOT — Single Exposure	No data available
STOT — Repeated Exposure	No data available
Aspiration Hazard	No data available
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:	Eye irritation
Symptoms/effects after ingestion:	None under normal conditions.

Eye damage/irritation: Causes serious eye irritation.

Skin sensitization: May cause an allergic skin reaction.

Carcinogenicity: Eugenol IARC Group 3 — Not classifiable.

Other toxicity categories: No data available.

Acute toxicity

No data available for the mixture. Ingredient-specific toxicity information is provided in the source SDS.

12.1. Toxicity

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

ETHYL VANILLIN (121-32-4)

LC50 - Fish [1]: 87.6 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 - Crustacea [1]: 36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Read-across, GLP)
ErC50 algae: 120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP)

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Timbersilk) (54464-57-2)
LC50 - Fish [1]: ~ 1.3 mg/l Bluegill Sunfish
EC50 - Crustacea [1]: ~ 1.38 mg/l Water Flea
ErC50 algae: ~ 2.6 mg/l Green Algae

VANILLIN (121-33-5)

LC50 - Fish [1]: 57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 - Crustacea [1]: 36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae: 120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

12.2. Persistence and degradability

ETHYL VANILLIN (121-32-4)

Persistence and degradability: Readily biodegradable in water.
ThOD: 1.81 g O₂/g substance
BOD (% of ThOD): 0.529 (5 day(s), Literature study)

1,3-benzodioxole-5-carbaldehyde (120-57-0)

Persistence and degradability: Biodegradable in the soil.
Readily biodegradable in water.
ThOD: 1.71 g O₂/g substance

VANILLIN (121-33-5)

Persistence and degradability: Readily biodegradable in water.

12.3. Bioaccumulative potential

ETHYL VANILLIN (121-32-4)

Partition coefficient n-octanol/water (Log Pow): 1.58 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

1,3-benzodioxole-5-carbaldehyde (120-57-0)

Partition coefficient n-octanol/water (Log Pow): 1.05
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

VANILLIN (121-33-5)

Partition coefficient n-octanol/water (Log Pow): 1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

ETHYL VANILLIN (121-32-4)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 3.092 (log Koc, Equivalent or similar to OECD 106, Experimental value)
Ecology - soil: Low potential for mobility in soil.

VANILLIN (121-33-5)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 3.438 (log Koc, Experimental value)
Ecology - soil: Low potential for mobility in soil.

12.5. Other adverse effects

No additional information available.

Disposal Considerations

Category	Requirement
Regional waste regulation	Dispose according to official regulations.
Waste treatment methods	Use licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Dispose according to official regulations.
Additional information	Do not reuse empty containers.

Transport Information

Department of Transportation (DOT)

In accordance with DOT

Transport document description (DOT)

Not regulated

Regulatory Information

15.1. US Federal Regulations

No additional US Federal regulations information.

This product is not known to contain toxic chemicals above reporting thresholds for SARA Title III Section 313 / 40 CFR Part 372.

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
1	08/26/2026

Disclaimer

Information based on current knowledge and intended to describe the product for health, safety, and environmental requirements only; it is not a guarantee of any specific property.