

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).

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24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300

Contract ID: CCN1026268

SECTION 1

Identification

Product Name	Hallowmere
Product Code / SKU	P-AD-19
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 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**

Skin Sensitization

Category

1

Signal Word: WARNING**Hazard Statements****H317** May cause an allergic skin reaction**Precautionary Statements****P261** Avoid breathing dust, fume, gas, mist, vapors, spray.**P272** Contaminated work clothing must not be allowed out of the workplace.**P280** Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.**P302+P352** IF ON SKIN: Wash with plenty of water.**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.**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
BENZYL SALICYLATE	118-58-1	1–5	Eye Irrit. 2B, H320; Skin Sens. 1B, H317
2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	63500-71-0	1–5	Eye Irrit. 2A, H319
VANILLIN	121-33-5	1–5	Eye Irrit. 2A, H319
ETHYL LINALOOL	10339-55-6	1–5	Flam. Liq. 4, H227; Eye Irrit. 2A, H319; Skin Sens. 1B, H317
GERANIOL	106-24-1	0.1–1	Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1, H317

SECTION 4

First Aid Measures

Description of first aid measures

First-aid measures general

If you feel unwell, seek medical advice.

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 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

May cause an allergic skin reaction.

Symptoms/effects after eye contact

None under normal conditions.

Symptoms/effects after ingestion

None under normal conditions.

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 arising from the chemical

Fire hazard

No fire hazard.

Explosion hazard

No direct explosion hazard.

Special protective equipment and precautions for firefighters

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. Methods for cleaning up .Take up liquid spill into absorbent material.

Other information:

Dispose of materials or solid residues at an authorized site.

Handling and Storage

Precautions for Safe Handling

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. Avoid contact with skin and eyes. Wear personal protective equipment. 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.

Conditions for Safe Storage, Including Any Incompatibilities

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

Storage conditions: Keep cool. Protect from sunlight.

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

Exposure Controls / Personal Protection

8.1 Control Parameters

Workplace Exposure Limits

GERANIOL (106-24-1)

Not applicable

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

Not applicable

BENZYL SALICYLATE (118-58-1)

Not applicable

ETHYL LINALOOL (10339-55-6)

Not applicable

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso E Super) (54464-57-2)

Not applicable

VANILLIN (121-33-5)

Not applicable

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

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 insufficient ventilation, wear suitable respiratory equipment.

Personal protective equipment symbol(s):

Use the three symbols shown in the Belle Aire SDS: protective gloves, safety glasses/goggles, and protective clothing.

Physical and Chemical Properties

Physical state	Liquid
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point	Not applicable
Boiling point	No data available
Flash point	> 100°C (> 212°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
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

Acute toxicity (oral): No data available

Acute toxicity (dermal): No data available

Acute toxicity (inhalation): No data available

GERANIOL (106-24-1)

LD50 oral rat: 3600 mg/kg body weight (Rat, Male/female, Experimental value, Oral, 14 day(s))

LD50 dermal rabbit: > 5000 mg/kg (Rabbit, Experimental value, Dermal)

ATE US (oral): 3600 mg/kg body weight

BENZYL SALICYLATE (118-58-1)

LD50 oral rat: 3031–3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s))

LD50 dermal rabbit: > 2000 mg/kg body weight (EU Method B.3: Acute Toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s))

ATE US (oral): 2200 mg/kg body weight

ETHYL LINALOOL (10339-55-6)

ATE US (oral): 5000 mg/kg body weight

VANILLIN (121-33-5)

LD50 oral rat: 3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))

LD50 dermal rat: > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value, Dermal, 14 day(s))

ATE US (oral): 3300 mg/kg body weight

ATE US (dermal): 2600 mg/kg body weight

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: May cause an allergic skin reaction.

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: May cause an allergic skin reaction.

Symptoms/effects after eye contact: None under normal conditions.

Symptoms/effects after ingestion: None under normal conditions.

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.

Toxicological Information: Ingredient Data

Toxicity

GERANIOL (106-24-1)

LC50 - Fish [1]: 22 mg/L (OECD 203; Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water)
 EC50 - Crustacea [1]: 10.8 mg/L (OECD 202; Daphnia Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water)
 ErC50 algae: 13.1 mg/L (OECD 201; Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus)

BENZYL SALICYLATE (118-58-1)

LC50 - Fish [1]: 1.03 mg/L (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
 EC50 - Crustacea [1]: 1.16 mg/L (OECD 202; Daphnia sp., Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

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)

Persistence and Degradability

GERANIOL (106-24-1)

Persistence and degradability: Readily biodegradable in water.

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

Persistence and degradability: Biodegradability in water: no data available.

BENZYL SALICYLATE (118-58-1)

Persistence and degradability: Readily biodegradable in water.

ETHYL LINALOOL (10339-55-6)

Persistence and degradability: Biodegradability in water: no data available.

VANILLIN (121-33-5)

Persistence and degradability: Readily biodegradable in water.

Bioaccumulative Potential

GERANIOL (106-24-1)

Partition coefficient n-octanol/water (Log Pow): 2.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
 Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

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

Bioaccumulative potential: No bioaccumulation data available.

BENZYL SALICYLATE (118-58-1)

BCF – Fish [1]: 1170 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Danio rerio, Flow-through system, Fresh water, Read-across, GLP)
 Partition coefficient n-octanol/water (Log Pow): 4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
 Bioaccumulative potential: Potential for bioaccumulation ($500 \leq \text{BCF} \leq 5000$).

ETHYL LINALOOL (10339-55-6)

Bioaccumulative potential: No bioaccumulation data available.

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).

Mobility in Soil

Geraniol (106-24-1)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 1.85 (log Koc, PCKOCWIN v1.66, calculated value)
Ecology – soil: Highly mobile in soil.

VANILLIN (121-33-5)

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

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

Ecology – soil: No (test)data on mobility of the substance available.

Benzyl Salicylate (118-58-1)

Surface tension: 69 mN/m (20 °C; 0.004 g/L; EU Method A.5: Surface tension)
Organic Carbon Normalized Adsorption Coefficient (Koc): 3.75 (log Koc, OECD 121)
Ecology – soil: Low potential for mobility in soil.

Section 13

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.

Section 14

Transport Information

Department of Transportation (DOT)

Department of Transportation (DOT)

In accordance with DOT: Not regulated

Section 15

Regulatory Information

US Federal regulations

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.

Section 16

Other Information

Revision History

Version	Date	Description
1	08/11/2026	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.