

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	Annie No.9
Product Code / SKU	P-L-9
Product Type	Fragrance Oil Blend
Collection	Legacy
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

Hazard Class

Skin Irritation	2
Skin Sensitization	1
Eye Damage	2

Signal Word: WARNING

Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Hazard-Determining Components of Labeling

ISO E SUPER

Linalool

Methyl Ionone Gamma

Hexyl Cinnamic Aldehyde

Citronellol

Cashmeran

Aldehyde C-16

Damascone Alpha

Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of soap and 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/container in accordance with local regulations.

Additional Hazard Information

NFPA Ratings (Scale 0–4)

Health: 1

Fire: 1

Reactivity: 0

HMIS Ratings (Scale 0–4)

Health: 1

Fire: 1

Reactivity: 0

Other Hazards

PBT: Not applicable.

vPvB: Not applicable.

Hazards Not Otherwise Classified (HNOC):

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communication Standard.

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.

Ingredient Name	CAS No.	Classification	%
ISO E SUPER	54464-57-2	Skin Irrit. 2 (H315), Skin Sens. 1 (H317)	10%
Linalool	78-70-6	Skin Sens. 1B (H317), Flam. Liq. 4 (H227)	>2.5–10%
Methyl Ionone Gamma	127-51-5	Skin Sens. 1 (H317), Eye Irrit. 2A (H319)	>2.5–10%
Florol	63500-71-0	Eye Irrit. 2A (H319)	>2.5–10%
Hexyl Cinnamic Aldehyde	101-86-0	Skin Sens. 1 (H317)	>2.5–10%
Citronellol	106-22-9	Skin Irrit. 2 (H315), Eye Irrit. 2A (H319), Skin Sens. 1 (H317)	≥0.1–1%
Cashmeran	33704-61-3	Skin Irrit. 2 (H315), Eye Irrit. 2A (H319), Skin Sens. 1 (H317)	≥0.1–1%
Aldehyde C-16	77-83-8	Skin Sens. 1 (H317)	≥0.1–1%
Damascone Alpha	24720-09-0	Acute Tox. 4 Oral (H302), Skin Sens. 1 (H317)	≥0.1–1%

First Aid Measures

Description of First Aid Measures

First-aid measures general:

Immediately remove any clothing soiled by the product.

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:

Immediately wash with water and soap and rinse thoroughly.

First-aid measures after eye contact:

Rinse opened eye for several minutes under running water.

First-aid measures after ingestion:

If symptoms persist, consult a doctor.

Most Important Symptoms and Effects (Acute and Delayed)

No further relevant information available.

Immediate Medical Attention and Special Treatment, if Necessary

No further relevant information available.

Fire Fighting Measures

Suitable (and Unsuitable) Extinguishing Media

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

Specific Hazards Arising from the Chemical

Special hazards arising from the substance or mixture:

No further relevant information available.

Special Protective Equipment and Precautions for Firefighters

Advice for firefighters:

No further relevant information available.

Protective equipment:

No special measures required.

Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

General measures:

Not required.

Environmental Precautions

Do not allow product to enter sewers, surface water or ground water.

Methods and Material for Containment and Cleaning Up**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Disposal:

Dispose contaminated material as waste according to Section 13.

Additional information:

Ensure adequate ventilation.

Reference to Other Sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Additional Information**Protective Action Criteria for Chemicals (PAC):**

Chemical	PAC-1	PAC-2	PAC-3
Diethyl Adipate (103-23-1)	17 mg/m ³	300 mg/m ³	1800 mg/m ³
Benzyl Acetate (140-11-4)	30 ppm	330 ppm	2,000 ppm

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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe dust, fume, gas, mist, vapors or spray. Wash hands and other exposed areas thoroughly after handling.

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.

Exposure Controls / Personal Protection

Control Parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the creation were used as basis.

Exposure Controls

Appropriate engineering controls

No further data; see Section 7.

Personal Protective Equipment

General protective and hygiene measures

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Hand protection

Protective gloves.

The glove material has to be impermeable and resistant to the product/substance/preparation.

Due to missing tests no recommendation to the glove material can be given for the product/preparation/chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore has to be checked prior to the application.

Penetration time of glove material

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Goggles recommended during refilling.

Physical and Chemical Properties

Appearance	Liquid
Color	Clear colorless to pale yellow
Odor	Characteristic
Odor threshold	Not determined
Melting point / freezing point	Undetermined
Boiling point / boiling range	214°C (417.2°F)
Flammability	Not applicable
Lower explosion limit	0.3 Vol %
Upper explosion limit	2.8 Vol %
Flash point	>93.3°C (>199.9°F)
Auto-ignition temperature	340°C (644°F)
Decomposition temperature	Not determined
pH	Not determined
Viscosity	Not determined
Kinematic viscosity	Not determined
Solubility	Not miscible or difficult to mix with water
Partition coefficient (n-octanol/water)	Not determined
Vapor pressure (197°C / 386.6°F)	2.6 hPa (2 mm Hg)
Vapor density	Not determined
Relative density (20°C / 68°F)	0.94925 g/cm ³ (7.92149 lbs/gal)
Relative vapor density	Not determined
Particle characteristics	Not applicable

Section 10

Stability and Reactivity

Reactivity

No further relevant information available.

Chemical Stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

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

No dangerous decomposition products known.

Toxicological Information

Information on toxicological effects

Acute toxicity

Component	Oral LD50	Dermal LD50
Linalool (78-70-6)	2790 mg/kg (rat)	5610 mg/kg (rabbit)
Citronellol (106-22-9)	3450 mg/kg (rat)	2650 mg/kg (rabbit)

Primary irritant effect

On the skin: Irritant to skin and mucous membranes.

On the eye: No irritating effect.

Sensitization

Sensitization possible through skin contact.

Additional toxicological information

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

Interactive effects

No interactive effects between components are known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

Substance	Classification
Diethyl Adipate (103-23-1)	3
Benzyl Acetate (140-11-4)	3

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Alternative sources for toxicological information

No non-standard sources for toxicological information were used.

Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and Degradability

No further relevant information available.

Bioaccumulative Potential

No further relevant information available.

Mobility in Soil

No further relevant information available.

Results of PBT and vPvB Assessment

PBT: Not applicable.

vPvB: Not applicable.

Other Adverse Effects

Additional Ecological Information

General Notes

Water hazard class 2 (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewerage system.

Danger to drinking water if even small quantities leak into the ground.

Disposal Considerations

Waste Treatment Methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned Packaging

Recommendation:

Disposal must be made according to official regulations.

Transport Information

UN Number

DOT, IMDG, IATA: Not regulated

UN Proper Shipping Name

DOT, IMDG, IATA: Not regulated

Transport Hazard Class(es)

DOT, ADR, IMDG, IATA: Not regulated

Packing Group

DOT, IMDG, IATA: Not regulated

Environmental Hazards

Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Special Precautions for User

Not applicable

UN Model Regulation

Not regulated.

Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Section 355 (Extremely Hazardous Substances)

None of the ingredients is listed.

Section 313 (Specific Toxic Chemical Listings)

None of the ingredients is listed.

TSCA (Toxic Substances Control Act)

All substances are active or exempt.

Hazardous Air Pollutants

None of the ingredients is listed.

California Proposition 65

Chemicals Known to Cause Cancer

None of the ingredients is listed.

Chemicals Known to Cause Reproductive Toxicity for Females

None of the ingredients is listed.

Chemicals Known to Cause Reproductive Toxicity for Males

None of the ingredients is listed.

Chemicals Known to Cause Developmental Toxicity

None of the ingredients is listed.

Carcinogenic Categories

EPA (Environmental Protection Agency)
Dioctyl Adipate (103-23-1) | C

TLV (Threshold Limit Value)
Benzyl Acetate (140-11-4) | A4

NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Other Information

Revision History

Version	Date	Description
1	08/06/2026	Initial release

Disclaimer

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