

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	May
Product Code / SKU	P-CA-5
Product Type	Fragrance Oil Blend
Collection	Calendar
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 Irritation
Acute toxicity
Skin Sensitization

Category

2
oral 4
skin 1

Hazard Statements

Signal Word: DANGER

H315 Causes skin irritation.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.

Hazard-Determining Components of Labeling

BENZYL BENZOATE
ISO E SUPER
ROSE OXIDE
MAGNOLAN
Geranyl acetate
Geraniol
Nerol
METHYL IONONE GAMMA
BETA PINENE
ORANGE TERPENES
HELIONAL

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 thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of water.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international 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



SECTION 3

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	%
BENZYL BENZOATE	120-51-4	Acute Tox. 4 Oral, H302	>2.5–≤10%
ISO E SUPER	54464-57-2	Skin Irrit. 2, H315; Skin Sens. 1, H317	>2.5–≤10%
MAGNOLAN	27606-09-3	Acute Tox. 3 Oral, H301	>2.5–≤10%
PHENYL ETHYL ALCOHOL	60-12-8	Acute Tox. 3 Dermal, H311; Acute Tox. 4 Oral, H302; Eye Irrit. 2A, H319	>2.5–≤10%
PHENOXANOL	55066-48-3	Acute Tox. 4 Oral, H302	>2.5–≤10%
ORANGE TERPENES	5989-27-5	Flam. Liq. 3, H226; Asp. Haz. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥1–≤2.5%
ROSE CRYSTALS	90-17-5	Skin Irrit. 2, H315	≤2.5%
HELIONAL	1205-17-0	Skin Sens. 1B, H317	≥1–≤2.5%
Geranyl acetate	105-87-3	Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1–<1%
Geraniol	106-24-1	Skin Sens. 1, H317	≥0.1–<1%
Linalool	78-70-6	Skin Sens. 1B, H317; Flam. Liq. 4, H227	≥0.1–<1%
ROSE OXIDE	16409-43-1	Repr. 2, H361; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≥0.1–≤2.5%
Nerol	106-25-2	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317	≥0.1–<1%
METHYL IONONE GAMMA	127-51-5	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2B, H320	≥0.1–<1%
BETA PINENE	18172-67-3	Flam. Liq. 3, H226; Asp. Haz. 1, H304; Skin Irrit. 2, H315; 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.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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:

Immediately call 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.

SECTION 5

Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing agents:

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

Special Hazards Arising From the Substance or Mixture

No further relevant information available.

Advice for Firefighters

Protective equipment:

No special measures required.

Section 6

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:

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.

Protective Action Criteria for Chemicals (PAC):

Chemical PAC-1 PAC-2 PAC-3

BENZYL BENZOATE (120-51-4) 5.1 mg/m³ 56 mg/m³ 340 mg/m³

ORANGE TERPENES (5989-27-5) 15 ppm 67 ppm 170 ppm

Handling and Storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in tightly sealed containers in a cool, dry place that is well ventilated. Keep away from heat, sparks, open flames and other ignition sources.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.

Specific end use(s):

No further relevant information available.

Exposure Controls / Personal Protection

Control Parameters

Components with limit values that require monitoring at the workplace:

60-12-8 PHENYL ETHYL ALCOHOL

TLV

Long-term value: 0.5 ppm

Skin

At this time, the other constituents have no known exposure limits.

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 hygienic 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.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Breathing equipment:

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.

Protection of hands:

Protective gloves.

Material of gloves:

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

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

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

Material of gloves (continued):

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 has therefore 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 / melting range	Undetermined
Boiling point / boiling range	323 °C (613.4 °F)
Flammability	Not applicable
Lower explosion limit	Not determined
Upper explosion limit	Not determined
Flash point	>93 °C (>199.4 °F)
Auto-ignition temperature	480 °C (896 °F)
Decomposition temperature	Not determined
pH	Not determined
Viscosity	Not determined
Kinematic viscosity	Not determined
Solubility in / Miscibility with water	Not miscible or difficult to mix
Partition coefficient (n-octanol/water)	Not determined
Vapor pressure	Not determined
Density at 20 °C (68 °F)	1.00996 g/cm ³ (8.42812 lbs/gal)
Relative density	Not determined
Vapor density	Not determined
Particle characteristics	Not applicable
Ignition temperature	Product is not self-igniting
Danger of explosion	Not determined
Solvent content	0.00%
VOC content	0.0 g/L / 0.00 lb/gal
Solids content	1.8%
Change in condition – Evaporation rate	Not determined

Stability and Reactivity

Reactivity

No further relevant information available.

Chemical Stability

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

LD/LC50 values that are relevant for classification:

Component	Oral LD50	Dermal LD50
ATE (Acute Toxicity Estimate)	1,944 mg/kg	21,944 mg/kg (rabbit)
BENZYL BENZOATE (120-51-4)	1,700 mg/kg (rat)	4,000 mg/kg (rabbit)
PHENYL ETHYL ALCOHOL (60-12-8)	1,790 mg/kg (rat)	790 mg/kg (rabbit)
ORANGE TERPENES (5989-27-5)	4,400 mg/kg (rat)	—
Linalool (78-70-6)	2,790 mg/kg (rat)	5,610 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:

Harmful

Irritant

Interactive effects

No interactive effects between components are known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

Substance	Classification
ORANGE TERPENES (5989-27-5)	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 sewage 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):

CAS No. Chemical
1222-05-5 GALAXOLIDE
103-60-6 PHENOXY ETHYL ISO BUTYRATE

TSCA (Toxic Substances Control Act):

All substances are active or exempt.

Hazardous Air Pollutants:

None of the ingredients is listed.

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):
None of the ingredients is listed.

TLV (Threshold Limit Value):
None of the ingredients is listed.

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	08/11/2026	Initial release

Disclaimer

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