

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	Colonnade
Product Code / SKU	P-FN-30
Product Type	Fragrance Oil Blend
Collection	Field Notes
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
Carcinogenicity	1B
Reproductive Toxicity	1B
Skin Sensitization	1

Hazard Statements

Signal Word: DANGER

H350	May cause cancer.
H360	May damage fertility or the unborn child.
H317	May cause an allergic skin reaction.

Hazard-Determining Components of Labeling

ISO E SUPER
LILIAL
ORANGER CRYSTALS
LEMON OIL
CASHMERAN
ANISYL PROPANAL (CANTHOXAL)

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.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
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).
P332+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/container in accordance with local/regional/national/international regulations.

Information Pertaining to Particular Dangers for Man and Environment

Classification System

NFPA Ratings (Scale 0–4)

Health = 0
Fire = 1
Reactivity = 0

HMIS Ratings (Scale 0–4)

Health = *1
Fire = 1
Reactivity = 0

Other Hazards

Results of PBT and vPvB Assessment

PBT: Not applicable.
vPvB: Not applicable.

Classification According to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards Not Otherwise Classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications 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 Toxicity – Oral 4, H302	>10–≤25%
ISO E SUPER	54464-57-2	Skin Irritation 2, H315; Skin Sensitization 1, H317	>2.5–<10%
Benzyl Acetate	140-11-4	—	>2.5–<10%
Phenoxanol	55066-48-3	—	≤2.5%
Lemon Oil	8008-56-8	Flammable Liquids 3, H226; Aspiration Hazard 1, H304; Skin Irritation 2, H315; Skin Sensitization 1, H317	≥1–≤2.5%
Benzyl Salicylate	118-58-1	Skin Sensitization 1B, H317	≥0.1–<1%
Cashmeran	33704-61-9	Skin Irritation 2, H315; Eye Irritation 2A, H319; Skin Sensitization 1, H317	≥0.1–<1%
Lilial	80-54-6	Reproductive Toxicity 1B, H360; Flammable Liquids 4, H227	≥0.1–≤2.5%
Anisyl Propanal (Canthoxal)	5462-06-6	Skin Sensitization 1, H317	≥0.1–<1%
Oranger Crystals	93-08-3	Carcinogenicity 1B, H350; Acute Toxicity – Oral 4, H302	≥0.1–≤2.5%

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

No further relevant information available.

Special Protective Equipment and Precautions for Firefighters

Advice for firefighters:

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:

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.

Additional Information

Protective Action Criteria for Chemicals (PAC):

Chemical PAC-1 PAC-2 PAC-3

Isopropyl Myristate (110-27-0) 81 mg/m³ 900 mg/m³ 5,400 mg/m³

Benzyl Benzoate (120-51-4) 5.1 mg/m³ 56 mg/m³ 340 mg/m³

Benzyl Acetate (140-11-4) 30 ppm 330 ppm 2,000 ppm

Benzyl Alcohol (100-51-6) 30 ppm 52 ppm 740 ppm

Aldehyde C-10 (112-31-2) 1.8 ppm 120 mg/m³ 740 mg/m³

Aldehyde C-8 (124-13-0) 17 mg/m³ 190 mg/m³ 1,100 mg/m³

Aldehyde C-9 (124-19-6) 15 mg/m³ 170 mg/m³ 990 mg/m³

Section 7

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:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

BENZYL ACETATE — CAS 140-11-4

TLV Long-term value: 61 mg/m³, 10 ppm

A4

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

Ingredients with Biological Limit Values

ORANGER CRYSTALS — CAS 93-08-3

BEI: 2.5 µg/L

Medium: urine

Time: End of shift at end of workweek

Parameter: 1-Hydroxypyrene

BEI: 2.5 µg/L

Medium: urine

Time: End of shift at end of workweek

Parameter: 3-Hydroxybenzo(a)pyrene

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.

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 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 can not 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:

Tightly sealed goggles.

Physical and Chemical Properties

Appearance	Liquid
Color	Clear pale yellow to yellow
Odor	Characteristic
Odor threshold	Not determined
Melting point / freezing point	Undetermined
Boiling point / boiling range	193°C (379.4°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	Not miscible or difficult to mix with water
Partition coefficient (n-octanol/water)	Not determined
Vapor pressure	6 hPa (4.5 mm Hg) at 156°C (312.8°F)
Vapor density	Not determined
Relative density (20°C / 68°F)	0.93346 g/cm ³ (7.78972 lbs/gal)
Relative vapor density	Not determined
Particle characteristics	Not applicable
Ignition temperature	Product is not self-igniting
Danger of explosion	Product does not present an explosion hazard
Solvent content – Organic solvents	0.1%
VOC content	0.05% / 0.5 g/L / 0.00 lb/gal
Solids content	0.6%
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

LD/LC50 values relevant for classification

LD/LC50 values relevant for classification:

Component	Route	LD50
ATE (Acute Toxicity Estimate)	Oral	7,040 mg/kg
Benzyl Benzoate (120-51-4)	Oral	1,700 mg/kg (rat)
Benzyl Benzoate (120-51-4)	Dermal	4,000 mg/kg (rabbit)
Benzyl Acetate (140-11-4)	Oral	2,490 mg/kg (rat)
Benzyl Acetate (140-11-4)	Dermal	>5,000 mg/kg (rabbit)
Oranger Crystals (93-08-3)	Oral	599 mg/kg (mouse)

Primary irritant effect

On the skin: No irritant effect.

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
Benzyl Acetate (140-11-4)	3
BHT (128-37-0)	3

NTP (National Toxicology Program)

Oranger Crystals (93-08-3): R

OSHA (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)

Glutaraldehyde — CAS 111-30-8

TSCA (Toxic Substances Control Act)

All substances are active or exempt.

Hazardous Air Pollutants

Oranger Crystals — CAS 93-08-3

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)

Substance | Classification

Benzyl Acetate — CAS 140-11-4 | A4

BHT — CAS 128-37-0 | A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Additional Regulatory Information

National regulations

Additional classification according to Decree on Hazardous Materials:

Carcinogenic hazardous material group III (dangerous).

Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.

Exceptions can be made by the authorities in certain cases.

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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