

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 17, 2026

24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300 Contract

ID: CCN1026268

SECTION 1

Identification

Product Name	Vanilla Milk & Toasted Tonka
Product Code / SKU	P-P-26
Product Type	Fragrance Oil Blend
Collection	Provisions
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

Hazard Class Category

Serious Eye Damage / Eye Irritation 2

Skin Sensitization 1

Signal Word: WARNING

Hazard Statements

H317 — May cause an allergic skin reaction.

H319 — Causes serious eye irritation.

Precautionary Statements

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, and hearing 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.

P321 — Specific treatment (see supplemental first aid instruction on this label).

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/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Other Hazards

Hydrocarbon Concentration %: 0.0000%

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1272/2006, Annex XIII.

GHS Pictogram



Composition / Information on Ingredients

Chemical Name	CAS No.	%	GHS Classification
Benzyl benzoate	120-51-4	10–30%	Acute Tox. 4 (Oral), H302
Ethyl vanillin	121-32-4	10–30%	Eye Irrit. 2B, H320
Augeo Multi Clean	100-79-8	5–10%	Flam. Liq. 4, H227; Eye Irrit. 2A, H319
Coumarin	91-64-5	1–5%	Acute Tox. 4 (Oral), H302; Skin Sens. 1B, H317
Vanillin	121-33-5	1–5%	Eye Irrit. 2A, H319
Hexyl cinnamal	101-86-0	1–5%	Skin Sens. 1B, H317

First-Aid Measures

Description of First-Aid Measures

First-aid measures general:

If you feel unwell, seek medical advice.

Inhalation:

Remove person to fresh air and keep comfortable for breathing.

Skin Contact:

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion:

Call a poison center/doctor/physician if you feel unwell.

Most Important Symptoms and Effects, Both Acute and Delayed

Inhalation: None under normal conditions.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: Eye irritation.

Ingestion: None under normal conditions.

Fire-Fighting Measures

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 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.

Reference to Other Sections

Also refer to Sections 8 and 13.

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.

Methods and Material for Containment and Cleaning Up

For containment:

Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up:

Take up liquid spill into absorbent material.

Other information:

Dispose of materials or solid residues at an authorized site.

Reference to Other Sections

For further information refer to Section 13.

Section 7

Handling and Storage

Precautions for Safe Handling

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.

Hygiene measures Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for Safe Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities

Keep in a cool, well-ventilated place away from heat. Keep cool. Protect from sunlight. Always store product in container of same material as original container.

SECTION 8 —

Exposure Controls / Personal Protection

Control Parameter

Component	CAS No.	Control Parameter
Augeo Multi Clean	100-79-8	Not applicable
Benzyl benzoate	120-51-4	Not applicable
Coumarin	91-64-5	Not applicable
Ethyl vanillin	121-32-4	Not applicable
Hexyl cinnamal	101-86-0	Not applicable
Vanillin	121-33-5	Not applicable

Appropriate Engineering Controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Environmental exposure controls:

Avoid release to the environment.

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.

Section 9

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
Freezing point	No data available
Boiling point	No data available
Flash point	> 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
Explosion limits	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

Good stability under normal storage conditions.

Possibility of Hazardous Reactions

Not expected under normal conditions of use.

Conditions to Avoid

None under recommended storage and handling conditions

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

Toxicological Classification	Updated Information
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	Causes serious eye irritation.
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	Eye irritation.
Symptoms/Effects After Ingestion	None under normal conditions.
Component Toxicity Data	

Component Toxicity Data

Ingredient	CAS No.	LD50 Oral	LD50 Dermal / Other Toxicity Data
Augeo Multi Clean	100-79-8	7000 mg/kg (rat)	Dermal: >2000 mg/kg; ATE US oral: 7000 mg/kg
Benzyl benzoate	120-51-4	>2000 mg/kg (rat)	Dermal: >2 ml/kg (rabbit); ATE US oral: 1160 mg/kg
Coumarin	91-64-5	293 mg/kg (rat)	ATE US oral: 293 mg/kg
Ethyl vanillin	121-32-4	>3160 mg/kg (rat)	Dermal: >2000 mg/kg (rabbit); ATE US oral: 3000 mg/kg
Hexyl cinnamal	101-86-0	—	ATE US oral: 3100 mg/kg
Vanillin	121-33-5	3300 mg/kg (rat)	Dermal: >2000 mg/kg (rabbit); ATE US oral: 3300 mg/kg; ATE US dermal: 2600 mg/kg

Coumarin (91-64-5) — IARC Group 3: Not classifiable.

Augeo Multi Clean (100-79-8) — NOAEL (oral, rat, 90 days): 1000 mg/kg body weight.

Section 12

Ecological Information

Toxicity

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

Component	Ecotoxicity Data
Augeo Multi Clean (100-79-8)	LC50 – Fish [1]: 16.7 g/L, Pimephales promelas; EC50 – Crustacea [1]: >96 mg/L, Daphnia magna
Benzyl benzoate (120-51-4)	LC50 – Fish [1]: 2.32 mg/L, 96 h, Danio rerio; EC50 – Crustacea [1]: 3.09 mg/L, 48 h, Daphnia magna
Coumarin (91-64-5)	LC50 – Fish [1]: 2.94 mg/L, Pisces; EC50 – Crustacea [1]: 24.3–36.9 mg/L, 48 h, Daphnia magna
Ethyl vanillin (121-32-4)	LC50 – Fish [1]: 87.6 mg/L, 96 h, Pimephales promelas; EC50 – Crustacea [1]: 36.79 mg/L, 48 h, Daphnia magna; ErC50 algae: 120 mg/L, 72 h
Vanillin (121-33-5)	LC50 – Fish [1]: 57 mg/L, 96 h, Pimephales promelas; EC50 – Crustacea [1]: 36.79 mg/L, 48 h, Daphnia magna; ErC50 algae: 120 mg/L, 72 h

Persistence and Degradability

Component	Persistence / Degradability
Augeo Multi Clean (100-79-8)	Biodegradability in soil: No data available
Benzyl benzoate (120-51-4)	Readily biodegradable in water
Coumarin (91-64-5)	Readily biodegradable in water
Ethyl vanillin (121-32-4)	Readily biodegradable in water; ThOD: 1.81 g O ₂ /g substance; BOD (% of ThOD): 0.529 (5 days)
Vanillin (121-33-5)	Readily biodegradable in water

Bioaccumulative Potential

Component	Bioaccumulative Potential
Augeo Multi Clean (100-79-8)	No bioaccumulation data available
Benzyl benzoate (120-51-4)	BCF – Fish [1]: 2.286; Log Pow: 3.97; Low potential for bioaccumulation (Log Kow <4)
Coumarin (91-64-5)	Log Pow: 1.39; Low potential for bioaccumulation (Log Kow <4)
Ethyl vanillin (121-32-4)	Log Pow: 1.58; Low potential for bioaccumulation (Log Kow <4)
Vanillin (121-33-5)	Log Pow: 1.17; Low potential for bioaccumulation (Log Kow <4)

Mobility in Soil

Component	Mobility in Soil
Benzyl benzoate (120-51-4)	Surface tension: 0.027 N/m (21°C); Organic Carbon Normalized Adsorption Coefficient (Log Koc): 3.8; Low potential for mobility in soil
Coumarin (91-64-5)	Organic Carbon Normalized Adsorption Coefficient (Log Koc): 1.63; Highly mobile in soil
Ethyl vanillin (121-32-4)	Organic Carbon Normalized Adsorption Coefficient (Log Koc): 3.092; Low potential for mobility in soil
Vanillin (121-33-5)	Organic Carbon Normalized Adsorption Coefficient (Log Koc): 3.438; Low potential for mobility in soil
Other Adverse Effects: No additional information available.	

Section 13

Disposal Considerations

Disposal Methods

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

UN Number

UN3082

UN Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)

Transport Hazard Class(es)

Class 9 — Miscellaneous dangerous materials

Packing Group

III — Minor Danger

Environmental Hazards

Environmentally hazardous substance.
Marine Pollutant: Yes.

Special Precautions for User

No additional information available.

Transport Information — DOT

DOT Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
UN Number: UN3082
Hazard Class: 9
Packing Group: III
DOT Packaging Non-Bulk (49 CFR 173.xxx): 203
DOT Packaging Bulk (49 CFR 173.xxx): 241
DOT Symbols: G — Identifies PSN requiring a technical name
Emergency Response Guide (ERG) Number: 171

IMDG

UN Number: UN3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
Class: 9
Packing Group: III
Marine Pollutant: Yes

IATA / ICAO

UN Number: UN3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
Class: 9
Packing Group: III

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

Not applicable.

Section 15

Regulatory Information

U.S. Federal Regulations

Name	CAS	%
MUSK CONC. (Galaxolide Neat)	1222-0505	1-5%

Section 16

Other Information

Revision History

Version	Date	Description
1	08/17/2026	Initial release

Disclaimer

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