

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 11, 2026

24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300

Contract ID: CCN1026268

SECTION 1

Identification

Product Name	Inked Papyrus
Product Code / SKU	P-AD-10
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 of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 2

Skin sensitization, Category 1

H317 May cause an allergic skin reaction.

H315 Causes skin irritation

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US): WARNING

Hazard statements (GHS US):

H317 - May cause an allergic skin reaction

H315 Causes skin irritation

Precautionary statements (GHS US)

Precautionary Statements (GHS US)

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.

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 or 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.

Other Hazards

No additional information available

Composition/Information on ingredients

Substances

Not applicable

Mixtures

Name	Product Identifier	%	GHS US classification
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	(CAS-No.) 54464-57-2	10–30	Skin Irrit. 2, H315; Skin Sens. 1B, H317
PHENOXANOL	(CAS-No.) 6906-69-3	1–5	Acute Tox. 4 (Oral), H302
2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	(CAS-No.) 63500-71-0	1–5	Eye Irrit. 2A, H319
CASHMERAN	(CAS-No.) 33704-61-9	1–5	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317
3-methyl-5-(2,3,3-trimethyl-1-cyclopent-3-enyl)pentan-2-ol	(CAS-No.) 65113-99-7	1–5	Eye Irrit. 2A, H319
GERANIOL	(CAS-No.) 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: Rinse skin with water/shower. Remove/take off immediately all 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

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.

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.

Handling and Storage

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. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. 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.

Specific end use(s)

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices

Conditions for Safe Storage, Including Any Incompatibilities

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

Storage conditions: : Store in a well-ventilated place. Keep cool.

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

Exposure Controls / Personal Protection

Control Parameters

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

Not applicable

CASHMERAN (33704-61-9)

Not applicable

GERANIOL (106-24-1)

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

PHENOXANOL (55066-48-3)

Not applicable

3-methyl-5-(2,2,3-trimethyl-1-cyclopent-3-enyl)pentan-2-ol (65113-99-7)

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.

Personal protective equipment symbol(s):

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

Physical and Chemical Properties

Property	Value
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

Stable under normal conditions of storage and handling.

Possibility of Hazardous Reactions

Not expected under normal conditions of use.

Conditions to Avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

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

This mixture has not been tested as a whole for health effects. Health effects have been calculated using the methods outlined in the UN GHS.

Toxicological Classification

Acute Toxicity	No data available
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	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:	Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact:	Eye irritation
Symptoms/effects after ingestion:	None under normal conditions.

Acute Toxicity

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

PHENOXANOL (55066-48-3)

ATE US (oral): 1850 mg/kg body weight
 ATE US (dermal): 3100 mg/kg body weight
 ATE US (dust, mist): 1830 mg/l/4h

Ecological Information

Toxicity

Ecology – General

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

GERANIOL (106-24-1)

LC50 – Fish [1]: 22 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value, GLP)

EC50 – Crustacea [1]: 10.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

ErC50 algae: 13.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

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

Bioaccumulative potential

No bioaccumulation data available.

Mobility in soil

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)

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

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.

Other Adverse Effects

No additional information available.

Persistence and degradability

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

Biodegradability in water: no data available.

GERANIOL (106-24-1)

Readily biodegradable in water.

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.

Transport Information

Department of Transportation (DOT)

In accordance with DOT

Transport document description (DOT)

UN3082 Environmentally hazardous substances, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso E Super)), 9, III

UN-No. (DOT): UN3082

Proper Shipping Name (DOT):

Environmentally hazardous substances, liquid, n.o.s.

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

Class (DOT): 9 – Class 9 – Miscellaneous hazardous material 49 CFR 173.140

Packing group (DOT): III – Minor Danger

Hazard labels (DOT): 9 – Class 9 (Miscellaneous dangerous materials)



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

DOT Special Provisions (49 CFR 172.102):

8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s.," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is packaged or the inner packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50°C (1.1 bar at 122°F), or 130 kPa at 55°C (1.3 bar at 131°F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T4 - 2.65 178.274(d)(2) Normal.

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following:

Degree of filling = $97 / (1 + \alpha (tr - tf))$

Where: tr = the maximum mean bulk temperature during transport; tf = the temperature in degrees Celsius of the liquid during filling.

TP29 - A portable tank having a minimum test pressure of 1.5 bar or less (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx): 155

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27): No Limit

DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75): No Limit

DOT Vessel Stowage Location: A – The material may be stowed on deck or under deck on a cargo vessel and on a passenger vessel.

DOT Emergency Response Guide (ERG) Number: 171

Other Information: No supplementary information available.

Regulatory Information

US Federal Regulations

No additional information available.

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.

Other Information

Revision History

Version	Date	Description
1	08/11/2026	Initial release

Disclaimer

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