

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 4, 2026

24-HOUR EMERGENCY CONTACT

CHEMTREC 1-800-424-9300

Contract ID: CCN1026268

SECTION 1

Identification

Product Name	Blackmere Quay
Product Code / SKU	P-CO-6
Product Type	Fragrance Oil Blend
Collection	Coordinates
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**

Skin Corrosion / Irritation

2

Skin Sensitization

1

Signal Word: WARNING**Hazard Statements****H315**

Causes skin irritation

H317

May cause an allergic skin reaction

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

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/attention

P362+P364

Take off contaminated clothing and wash it before reuse

P501

Dispose of contents/container in accordance with local, regional, national and international regulations

GHS Pictograms**Other Hazards**

No additional information available

Composition / Information on Ingredients

Substance Type

Mixture – Proprietary Fragrance Oil Blend

Hazardous components are listed below in accordance with applicable hazard communication requirements.

Hazardous Ingredients

Ingredient Name	CAS No.	%	GHS Classification
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethanone (Iso E Super)	54464-57-2	10–30	Skin Irrit. 2, H315; Skin Sens. 1B, H317
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	21145-77-7	1–5	Acute Tox. 4 (Oral), H302
Linalyl Acetate	115-95-7	1–5	Flam. Liq. 4, H227; Skin Irrit. 2, H315; Eye Irrit. 2B, H320; Skin Sens. 1B, H317
Dihydro Myrcenol	18479-58-8	1–5	Flam. Liq. 4, H227; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H336
Benzyl Salicylate	118-58-1	1–5	Eye Irrit. 2B, H320; Skin Sens. 1B, H317
Hexyl Cinnamal	101-86-0	1–5	Skin Sens. 1B, H317
Floralozone	67634-15-5	1–5	Skin Irrit. 2, H315; Skin Sens. 1B, H317
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	63500-71-0	1–5	Eye Irrit. 2A, H319; Acute Tox. 4 (Oral), H302
Coumarin	91-64-5	1–5	Acute Tox. 4 (Oral), H302; Skin Sens. 1B, H317
Damascone Delta	57378-68-4	0.1–1	Acute Tox. 4 (Oral), H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317
Geraniol	106-24-1	0.1–1	Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1B, H317
Damascenone	23696-85-7	0.1–1	Skin Irrit. 2, H315; Skin Sens. 1B, H317
Citral	5392-40-5	0.1–1	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317

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

Wash skin with plenty of water. Take off 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

Irritation. 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 arising from the chemical

Fire hazard

No fire hazard.

Explosion hazard

No direct explosion hazard.

Special protective equipment and precautions for firefighters

Firefighting instructions

Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6

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

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. Avoid contact with skin and eyes. Wear personal protective equipment. 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.

Conditions for Safe Storage, Including Any Incompatibilities

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

Storage conditions: Keep cool. Protect from sunlight.

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

SECTION 8

Exposure Controls / Personal Protection

8.1 Control Parameters

Workplace Exposure Limits

Most ingredients: Not applicable

For Citral (5392-40-5) include:

Agency | Exposure Limit

ACGIH | TLV Basis: Body weight effect; URT irritation; eye damage

ACGIH | 5 ppm (IFV) – Inhalable fraction and vapor

All other listed ingredients shown in the Belle Aire SDS table may be entered as:

Not applicable

8.2 Appropriate Engineering Controls

Appropriate engineering controls

Ensure good ventilation of the work station.

Environmental exposure controls

Avoid release to the environment.

8.3 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):

Protective gloves

Safety glasses/goggles

Protective clothing

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
Boiling point	No data available
Flash point	> 100°C (> 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
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

No dangerous reactions known under normal conditions of use.

Conditions to Avoid

None under recommended storage and handling conditions (see section 7)

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

Component	Toxicity Data
Geraniol (106-24-1)	LD50 oral rat: 3600 mg/kg body weight (rat, male/female, experimental value, oral, 14 days); LD50 dermal rabbit: >5000 mg/kg (rabbit, experimental value, dermal); ATE US (oral): 3600 mg/kg body weight
Hexyl Cinnamal (101-86-0)	ATE US (oral): 3100 mg/kg body weight
Benzyl Salicylate (118-58-1)	LD50 oral rat: 3031–3339 mg/kg body weight (EU Method B.1 Acute Toxicity (Oral), rat, male/female); LD50 dermal rabbit: >2000 mg/kg body weight (EU Method B.3 Acute Toxicity (Dermal), rabbit, male/female); ATE US (oral): 2200 mg/kg body weight
Coumarin (91-64-5)	LD50 oral rat: 293 mg/kg body weight (rat, male/female, experimental value, oral); ATE US (oral): 293 mg/kg body weight
Damascenone (23696-85-7)	ATE US (dermal): 2900 mg/kg body weight
Damascone Delta (57378-68-4)	ATE US (oral): 1400 mg/kg body weight
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (21145-77-7)	ATE US (oral): 1000 mg/kg body weight; ATE US (dermal): 7940 mg/kg body weight

Acute Toxicity: Based on available data, the classification criteria are not met.

Acute Toxicity (Oral): >5000 mg/kg

Acute Toxicity (Dermal): Not available

Acute Toxicity (Inhalation): Not available

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

STOT – Single Exposure: Based on available data, the classification criteria are not met.

STOT – Repeated Exposure: Based on available data, the classification criteria are not met.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Symptoms Related to Physical, Chemical and Toxicological Characteristics

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.

Toxicological Information: Ingredient Data

Toxicity

GERANIOL (106-24-1)

LC50 - Fish [1]: 22 mg/L (OECD 203; Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water)
 EC50 - Crustacea [1]: 10.8 mg/L (OECD 202; Daphnia Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water)
 ER50 algae: 13.1 mg/L (OECD 201; Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus)

LINALYL ACETATE (115-95-7)

LC50 - Fish [1]: 11 mg/L (OECD 203; Fish, Acute Toxicity Test, 96 h, Cyprinus carpio)
 EC50 - Crustacea [1]: 15 mg/L (OECD 202; Daphnia Acute Immobilisation Test, 48 h, Daphnia magna)

BENZYL SALICYLATE (118-58-1)

LC50 - Fish [1]: 1.03 mg/L (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
 EC50 - Crustacea [1]: 1.16 mg/L (OECD 202; Daphnia sp., Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

COUMARIN (91-64-5)

LC50 - Fish [1]: 2.94 mg/L (96 h, Pisces, QSAR)
 EC50 - Crustacea [1]: 24.3 – 36.9 mg/L (48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (21145-77-7)

EC50 - Crustacea [1]: 0.61 mg/L
 NOEC chronic fish: 0.035 mg/L

Persistence and Degradability

Geraniol (106-24-1)

Persistence and degradability:
 Readily biodegradable in water.

Linalyl Acetate (115-95-7)

Persistence and degradability:
 Readily biodegradable in water.

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

Persistence and degradability:
 Biodegradability in water: no data available.

Benzyl Salicylate (118-58-1)

Persistence and degradability:
 Readily biodegradable in water.

Coumarin (91-64-5)

Persistence and degradability:
 Readily biodegradable in water.

Dihydro Myrcenol (18479-58-8)

Persistence and degradability:
 Biodegradability in water: no data available.

Bioaccumulative Potential

Geraniol (106-24-1)

Partition coefficient n-octanol/water (Log Pow): 2.6
 Low potential for bioaccumulation (Log Kow < 4)

Linalyl Acetate (115-95-7)

Partition coefficient n-octanol/water (Log Pow): 3.93
 Low potential for bioaccumulation (Log Kow < 4)

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

Bioaccumulative potential: No bioaccumulation data available.

Benzyl Salicylate (118-58-1)

BCF (Fish): 1170 (OECD 305)
 Partition coefficient n-octanol/water (Log Pow): 4
 Potential for bioaccumulation (BCF > 500)

Coumarin (91-64-5)

Partition coefficient n-octanol/water (Log Pow): 1.39
 Low potential for bioaccumulation (Log Kow < 4)

Dihydro Myrcenol (18479-58-8)

Partition coefficient n-octanol/water (Log Pow): 3.47
 Low potential for bioaccumulation (Log Kow < 4)

Mobility in Soil

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.

Linalyl Acetate (115-95-7)

Ecology – soil: Adsorbs into the soil.

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

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

Benzyl Salicylate (118-58-1)

Surface tension: 69 mN/m (20 °C; 0.004 g/L; EU Method A.5: Surface tension)
Organic Carbon Normalized Adsorption Coefficient (Koc): 3.75 (log Koc, OECD 121)
Ecology – soil: Low potential for mobility in soil.

Coumarin (91-64-5)

Organic Carbon Normalized Adsorption Coefficient (Log Koc): 1.63 (log Koc, QSAR)
Ecology – soil: Highly mobile in soil.

Dihydro Myrcenol (18479-58-8)

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

Section 13

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)

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.

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 = $97 / (1 + \alpha (t_r - t_f))$

Where: t_r = the maximum mean bulk temperature during transport; t_f = 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

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	08/06/2026	Initial release

Disclaimer

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