

Safety Data Sheet
Sandalwood Vanilla Fragrance

January 8th, 2018

Section 1: Chemical Product and Company Identification

Product name: Sandalwood Vanilla Fragrance Oil
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number:
Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

GHS Classification
Acute Tox. 4 Oral, Carc. 2, Skin Sens. 1

Symbol(s) of Product



Signal Word
Warning

Possible Hazards
19% of the mixture consists of ingredients of unknown acute toxicity

GHS Hazard Statements

Acute Toxicity, Oral, category 4
Skin Sensitizer, category 1
Carcinogenicity, category 2

H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a



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concentration of 1% or above labelling the SDS will be expected.
Routes of exposure are dependent on ingredient form.

GHS Label Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P201	Obtain special instructions before use.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

GHS SDS Precautionary Statements

P270	Do not eat, drink or smoke when using this product.
P363	Wash contaminated clothing before reuse.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS#	Weight %	GHS Symbols	GHS Statements
Benzyl benzoate	120-51-4	75-100	GHS07	H302
Musk Ketone	81-14-1	0.1-1.0	GHS08	H351
1,3-Benzodioxole-5-carboxaldehyde	120-57-0	0.1-10	GHS07	H315-317

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

Section 4: First Aid Measures

Inhalation:

Remove to fresh air and seek medical assistance if necessary.

Skin Contact:

Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.

Eye Contact:

Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion:

Rinse mouth. Do not induce vomiting. Drink water. Consult a physician.

Section 5: Fire-Fighting Measures

Unusual Fire and Explosion Hazards:

None known.

Special Firefighting Procedures:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.



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Suitable Extinguishing Media:

Water spray/mist, Foam, Carbon Dioxide (CO₂), and Dry Chemical. Water may be used to cool off containers.

Unsuitable Extinguishing Media:

Do not use a solid water stream as it may scatter and spread fire.

Section 6: Accidental Release Measures

Precautionary Measures:

Ensure adequate ventilation. Use personal protective equipment. Evacuate personnel to safe areas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Avoid breathing vapors, mist or gas. For personal protection see section 8.

Environmental Measures:

Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

Methods and Materials for Containment and Cleaning Up:

Contain material. Collect using solid absorbent material and place into appropriate waste container for disposal according to local regulations (See section 13). Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling:

For industrial use only. Use with adequate ventilation. Keep away from heat and flame.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection:

Proper ventilation, engineering controls, such as local exhaust ventilation, and if necessary, a NIOSH certified respirator with appropriate cartridges is highly recommended.

Skin Protection:

Chemical resistant gloves recommended.

Eye Protection:

Wear safety glasses with side shields or goggles.

Hygienic Practices:

Always observe good personal hygiene measures, such as washing your hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties

Appearance: Clear liquid

Physical State: Liquid

Odor: Conforms to Standard

Odor Threshold: Not Established



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Specific Gravity (typical): 1.10

pH: Not Measured

Freeze Point, °C: Not Applicable

Viscosity: Not Measured

Partition Coefficient, n-octanol/ water: Not Measured

Solubility in Water: INSOLUBLE

Decomposition temperature, °C: Not Measured

Initial Boiling Point, °C: 36

Explosive Limits, %: Not Measured

Flash Point, °C / °F (Closed Cup): >93 / >200

Evaporation Rate: Not Measured

Auto-Ignition Temperature, °C: Not Measured

Vapor Density: Not Measured

Vapor Pressure, mmHg: Not Measured

Section 10: Stability and Reactivity

Stability:

Material is stable under normal conditions.

Reactivity:

The product is non-reactive under normal conditions of use, storage, and transport.

Conditions to Avoid:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatibility:

Keep away from strong oxidizing agents, heat and open flames.

Hazardous Decomposition Products:

When heated, may produce unpleasant fumes and/or smoke. Combustion may produce Carbon Monoxide and/or Carbon Dioxide.

Possibility of Hazardous Reactions:

No dangerous reactions known under conditions of normal use.

Section 11: Toxicological Information

Effect of Overexposure - Inhalation:

No adverse effects due to inhalation are expected under normal use.

Effect of Overexposure - Skin Contact:

Not expected to cause skin problems under normal use conditions.

Effect of Overexposure - Eye Contact:

Not expected to cause eye problems under normal use conditions.

Effect of Overexposure - Ingestion:

Under normal use conditions, this product is not expected to cause adverse health effects.

Carcinogenicity:

This product contains carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

Primary Route(s) of Entry:



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Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
120-51-4	Benzyl benzoate	1500	4000	N.I
121-33-5	Vanillin	3300	>5010	N.I
81-14-1	Musk Ketone	>10000 mg/kg Rat	>10000 mg/kg rabbit	N.I

N.I = No information

Section 12: Ecological Information

Ecological Information:

Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

Section 13: Disposal Conditions

Disposal Method:

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with material or used container. Dispose of material in accordance with applicable federal, state and local regulations.

Section 14: Transport Information

Regulatory Information:	UN/NA Number:	Proper Shipping Name:	Class:	Packing Group:	Label:	Additional Information:
PHMSA / DOT	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
ICAO / IATA	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
IMO / IMDG	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
CANUTEC / TDG	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
ADR / RID	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101



Section 15: Regulatory Information

Please contact the local Bell Regulatory Department for specific Regulatory Information.

Section 16: Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H351 Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of exposure are dependent on ingredient form.

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