

**Safety Data Sheet**  
**Kentucky Bourbon (V000164)**

August 18, 2017

**Section 1: Chemical Product and Company Identification**

**Product name:** Kentucky Bourbon 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 Toxicity 4, Inhalation, Skin Irritation 2, Skin Sensitivity 1



**Signal Word**

Warning

**Possible Hazards**

55% of the mixture consists of ingredients of unknown acute toxicity

**GHS Hazard Statements**

Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction

**GHS LABEL PRECAUTIONARY STATEMENTS**

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing.

**GHS SDS PRECAUTIONARY STATEMENTS**

P363	Wash contaminated clothing before reuse.
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### Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Weight	GHS Symbols	GHS Statements
Benzyl Benzoate	120-51-4	25-50%	GHS07	H302-332
OTNE	54464-57-2	10-25%	GHS07	H315-317
Cedar wood oil	8000-27-9	2.5-10%	GHS08	H304
1,3 Benzodioxole-5-carboxaldehyde	120-57-0	1.0-2.5%	GHS07	H317
Coumarin	91-64-5	1.0-2.5%	GHS07	H317
Orange Oil	8008-57-9	1.0-2.5%	SHS02- GHS07- GHS08	H226-304-315- 317-332

The text for GHS Hazard Statements shown above is given in the “Other Information” Section

### Section 4: First Aid Measures

**FIRST AID - INHALATION:** Remove to fresh air and seek medical assistance if necessary.

**FIRST AID - SKIN CONTACT:** Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.

**FIRST AID - EYE CONTACT:** Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.

**FIRST AID - 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.

**SUITABLE EXTINGUISHING MEDIA:** Water spray/mist, Foam, Carbon Dioxide (CO<sub>2</sub>), 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

**Specific Gravity (typical):** 1.03

**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:** 66 **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 does not contain any carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

**PRIMARY ROUTE(S) OF ENTRY:** Inhalation

**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	500 mg/kg Rat	4000 mg/kg Rabbit	5000
1222-05-5	HHCB	>5000 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
91-64-5	Coumarin	>5000 mg/kg Rat	>2000 mg/kg Rat	N.I.
8008-57-9	Orange oil	4400 mg/kg Rat	5000 mg/kg	5000 mg/kg

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	Proper Shipping Name:	Class:	UN/NA Number:	Packing Group:	Label	Additional Info
DOT Information	N/A	N/A	N/A	N/A	N/A	N/A
IATA Classification	N/A	N/A	N/A	N/A	N/A	N/A
IMDG Classification	N/A	N/A	N/A	N/A	N/A	N/A
TDG Classification	N/A	N/A	N/A	N/A	N/A	N/A
CANUTEC Classification	N/A	N/A	N/A	N/A	N/A	N/A
ADR/RID Classification	N/A	N/A	N/A	N/A	N/A	N/A



## Section 15: Regulatory Information

### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the

Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

## Section 16: Other Information

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

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H320	Causes eye irritation
H332	Harmful if inhaled.
Legend:	N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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