

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Huckleberry Flavor Oil
Product Code: 310-121X
- 1.2 Intended Use:** Compound used is customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, Utah 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com
- 1.4 Emergency Telephone Number**
No additional information available.

SECTION 2: Hazards Identification

- 2.1 GHS Classification**
Flammable Liquid, Category 3 H226: Flammable liquid and vapor.

2.2 Label Elements

Symbol(s) of Product



Signal Word: Warning.

Possible Hazards: 5% of the mixture consists of ingredients of unknown acute toxicity.

GHS Hazard Statements

H226 Flammable liquid and vapor.

GHS Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground/bond container and receiving .
P241 Use explosion-proof electrical/ventilating/lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.

SECTION 3: Composition/Information on Ingredients

3.1 Chemical Information

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
Ethylacetate	141-78-6	2.5-10	GHS02; GHS07	H225; H319; H332; H336
Ethyl butyrate	105-54-4	1.0-2.5	GHS02	H226
Vanillin	121-33-5	1.2-2.5	GHS07	H302; H319
Benzaldehyde	100-52-7	0.1-1.0	GHS07	H302; H312; H316

The text for GHS Hazard statement shown above (if any) is given in Section 16.

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Inhalation: Remove to fresh air and seek medical attention if necessary.

Skin Exposure: Remove contaminated clothes and shoes. Wash with mild soap and water. Seek medical attention if necessary.

Eye Exposure: Remove contact lenses. Flush immediately with cool water for at least 15 minutes. Contact physician if symptoms persist.

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

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

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

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

5.2 Special Hazards Arising from the Substance or Mixture

None known.

5.3 Advice for Firefighters

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

SECTION 6: Accidental Release Measures

6.1 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.

6.2 Environmental Measures

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

6.3 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

7.1 Precautions for Safe Handling

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

7.2 Conditions for Safe Storage, Including Any Incompatibilities

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

SECTION 8: Exposure Controls/Personal Protection

8.1 Personal Protective Equipment

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 our 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

9.1 Information on Basic Physical and Chemical Properties

Appearance:	A clear liquid
Physical State:	Liquid
Odor:	Conforms to Standard
Specific Gravity:	0.95
pH:	Not Measured
Freeze Point, °C:	Not Applicable
Viscosity:	Not Measured
Solubility in Water:	Not Soluble
Partition Coefficient, n-octanol/water:	Not Measured
Decomposition temperature, °C:	Not Measured
Initial Boiling Point, °C:	36°C
Explosive Limits, %:	Not Measured
Flash Point, °C / °F (Closed Cup):	39°C / 102°F
Evaporation Rate:	Not Measured
Auto-Ignition Temperature, °C:	Not Measured

Vapor Density:
Vapor Pressure, mmHg:

Not Measured
Not Measured

SECTION 10: Stability and Reactivity

10.1 Stability

Material is stable under normal conditions.

10.2 Reactivity

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

10.3 Conditions to Avoid

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

10.4 Incompatibility

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

10.5 Hazardous Decomposition Products

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

10.6 Possibility of Hazardous Reactions

No dangerous reactions known under conditions of normal use.

SECTION 11: Toxicological Information

11.1 Toxicological Effects

Effect of Overexposure

Inhalation:	No adverse effects due to inhalation are expected under normal use
Skin Contact:	Not expected to cause skin problems under normal use conditions.
Eye Contact:	Not expected to cause eye problems under normal use conditions.
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.

11.2 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
141-78-6	Ethylacetate	5620 mg/kg Rat	>18000 mg/kg Rabbit	N.I.
105-54-4	Ethyl butyrate	13000 mg/kg Rat	N.I.	N.I.
121-33-5	Vanillin	1580 mg/kg Rat	>5010 mg/kg Rabbit	5000
100-52-7	Benzaldehyde	1292 mg/kg Rat	>1250 mg/kg Rabbit	N.I.

N.I. = No Information

SECTION 12: Ecological Information

12.1 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 Considerations

13.1 Disposal Methods

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 use container. Dispose of material in accordance with applicable federal, state and local regulations.

SECTION 14: Transport Information**14.1 Transport Information**

Regulatory Information	UN / NA Number	Proper Shipping Name	Class	Packing Group	Label
PHMSA/DOT	UN1197	Extracts, Flavoring, Liquid	3	III	3
ICAC/IATA	UN1197	Extracts, Flavoring, Liquid	3	III	3
IMO/IMDG	UN1197	Extracts, Flavoring, Liquid	3	III	3
CANUTEC/TDG	UN1197	Extracts, Flavoring, Liquid	3	III	3
ADR/RID	UN1197	Extracts, Flavoring, Liquid	3	III	3

SECTION 15: Regulatory Information**15.1 Chemical Inventories**

Country	Chemical Inventories	Ingredients are Listed or Exempt from Listing Requirement
United States of America	TSCA	Yes
European Union	EINECS/ELINCS/REACH	Yes
Canada	DSL/NDSL/ICL	Yes
Australia	AICS	Yes
Philippines	PICCS	Yes
China	IECSC/IECIC	Yes
Japan	ENCS/ISHL	Yes
Korea	KECL/KECI/K-REACH	Yes

SECTION 16: Other Information

16.1 Text for GHS Hazard Statement shown in Section 3

H225: Highly flammable liquid and vapor	H226: Flammable liquid and vapor
H302: Harmful if swallowed	H312: Harmful in contact with skin
H319: Causes serious eye irritation	H336: May cause drowsiness or dizziness

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

WARNING/DISCLAIMER:

This ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-Cigarettes"). In supplying this ingredient, Majestic Mountain Sage instructs, and by receiving the ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-Cigarettes or any component thereof.

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.