



Blackberry Pomegranate Flavor Oil

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product name: Blackberry Pomegranate Flavor Oil
Product code: 310-163X

1.2 Intended use: Flavor

1.3 Supplier:
Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, 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
Eye Irrit. 2, Skin Sens. 1

2.2 Label elements

Hazard Pictograms



Signal Word: Warning

GHS Hazard statements

| | | |
|-----------------------------|------|-------------------------------------|
| Eye Irritation, Category 2 | H319 | Causes serious eye irritation |
| Skin Sensitizer, Category 1 | H317 | May cause an allergic skin reaction |

GHS Label Precautionary Statements:

| | |
|-----------------------------------|--|
| P261 P280 | Avoid breathing dust/fume/gas/mist/vapours/spray Wear protective gloves/protective clothing/eye protection/face protection |
| P302 + P352 P305 + P351 + P338 | IF ON SKIN: Wash with plenty of soap and water IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention |

GHS SDS Precautionary Statements:

| | |
|------|---|
| P363 | Wash contaminated clothing before reuse |
|------|---|

SECTION 3: Composition/information on ingredients

3.1 Mixtures

| Chemical Name | CAS - No. | Wt. % | GHS Symbols | GHS Statements |
|-----------------------------------|-----------|-----------|---------------|------------------|
| C16 aldehyde | 77-83-8 | 1.0 - 2.5 | GHS07 | H317 |
| Raspberry Ketone | 5471-51-2 | 1.0 - 2.5 | GHS07 | H302 |
| Geraniol | 106-24-1 | 1.0 - 2.5 | GHS05 - GHS07 | H315, H318, H317 |
| Ethyl ester 2-methylbutanoic acid | 7452-79-1 | 0.1 - 1.0 | GHS02 | H226 |
| Ethyl alcohol | 64-7-5 | <0.1 | GHS02 | H225 |
| Pentanoic acid, ethyl ester | 539-82-2 | <0.1 | GHS02 | H226 |

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

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. If irritation persists, seek medical attention.
- Ingestion:** Rinse mouth with water. Do not induce vomiting. Drink water. Consult a physician.

SECTION 5: Firefighting measures

- 5.1 Unusual Fire and Explosion Hazards:** None known
- 5.2 Special Firefighting Procedures:**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 5.3 Extinguishing media**
- Suitable:** Water spray/mist, Foam, Carbon dioxide (CO₂), 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.

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

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

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 Exposure controls - 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: | Clear to hazy liquid |
| Physical State: | Liquid |
| Odor: | Conforms to Standard |
| Odor Threshold: | Not Established |
| Specific Gravity: | 0.96 |
| 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 |
| 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

- 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.

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:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------|------------------|--------------------|-------------------|
| 106-24-1 | Geraniol | 3600 mg/kg Rat | >5000 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

Special Transport Precautions: No Information

DOT Proper Shipping Name: No Information

DOT Technical Name: No Information

DOT Hazard Class: No Information

DOT UN/NA Number: No Information

Packing Group: No Information

Hazard Sub-Class: No Information

Resp. Guide Page: No Information

SECTION 15: Regulatory information

U.S. Federal Regulations:

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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|---|----------------|
| 1,2-benzisothiazolin-3-one,1,1-dioxide, and salts | 81-07-2 |

SECTION 16: Other information

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

| | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |

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

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.