

# SAFETY DATA SHEET

## BLUEBERRY POP FRAGRANCE OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Blueberry Pop Fragrance Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

#### Classification of the substance or mixture

#### Class and category of danger:

Flammable Liquid, Hazard Category 4

Hazardous to the Aquatic Environment - Acute Hazard Category 3

H227, Combustible liquid.

H402, Harmful to aquatic life.

#### Label elements

**Signal word:** Warning

#### Hazard statements:

H227, Combustible liquid.

H402, Harmful to aquatic life.

#### Precautionary statements:

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P403/235, Store in a well-ventilated place. Keep cool.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:** None

**Other hazards Other hazards:**

Hydrocarbon Concentration %: 0.0000%

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Contains:**

Name	CAS	%	GHS Classification
beta-Ionone	14901-07-6	1-<5%	Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 2;H303- H411
Benzyl benzoate	120-51-4	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400-H411
Ethyl isovalerate	108-64-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Aquatic Acute 2;H226-H315- H401
Trans beta Damascone	23726-91-2	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H303-H315-H317-H411

**Substances with workplace exposure limits, not listed above:**

Not Applicable

**4. FIRST AID MEASURES**

**Description of first aid measures**

**Inhalation:**

Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:**

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin exposure:**

Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

**Ingestion:**

Rinse mouth with water and obtain medical attention.

**Most important symptoms and effects, both acute and delayed**

None expected, see Section 4.1 for further information.

**Indication of any immediate medical attention and special treatment needed**

None expected, see Section 4.1 for further information.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

**Special hazards arising from the substance or mixture**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

**Advice for fire fighters:**

In case of insufficient ventilation, wear suitable respiratory equipment.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

**Environmental precautions:**

Keep away from drains, surface and ground water, and soil.

**Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**Reference to other sections:**

Also refer to sections 8 and 13.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities:**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Specific end use(s):**

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Workplace exposure limits:** Not Applicable

**Exposure Controls**

**Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

**Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel:

- a) Increase ventilation of the area with local exhaust ventilation.
- b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters.
- c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Free flowing liquid without sediment
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	82 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive</b>	Product does not present an explosion

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<b>limits:</b>	hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	0.8890 - 0.9190
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**Other information:**

Flash Point (Fahrenheit):	180 °F
Refractive Index @ 20C:	1.4420 - 1.4520
Calculated VOC:	2.10

**10. STABILITY AND REACTIVITY**

**Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:**

Good stability under normal storage conditions.

**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

This material does not meet the criteria for classification for health hazards under UN GHS

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

Acute Toxicity Oral >5000

Acute Toxicity Dermal Not Available

Acute Toxicity Inhalation Not Available

**Skin corrosion/irritation:** Based on available data the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation:** Based on available data the classification criteria are not met.

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

**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.

### Information about hazardous ingredients in the mixture

Ingredient	CAS	LD50/AT E Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
beta-Ionone	14901-07-6	3940	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

## 12. ECOLOGICAL INFORMATION

### Toxicity:

Not available

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

**Other adverse effects:** Not available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION**

	<b>UN number:</b>	<b>UN Proper Shipping Name:</b>	<b>Transport hazard class (es):</b>	<b>Sub Risk:</b>	<b>Packing Group:</b>
<b>UN Model Regulations</b>	Not classified	-	-	-	-
<b>IMDG</b>	Not classified	-	-	-	-
<b>ADR,RID,ADN</b>	Not classified	-	-	-	-
<b>ICAO TI</b>	Not classified	-	-	-	-

**Environmental hazards:**

Not environmentally hazardous for transport

**Special precautions for user:**

None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

**15. REGULATORY INFORMATION**

Components listed on California's SB312

<b>Name</b>	<b>CAS</b>	<b>%</b>
Di-(2-ethylhexyl) adipate	103-23-1	50-100%
Benzyl benzoate	120-51-4	0.1-<1%

Additional formulation properties

<b>Name</b>	<b>CAS</b>	<b>%</b>
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Ethyl vanillin	121-32-4	<0.1%
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## 16. OTHER INFORMATION

**Concentration % Limits:**

EH A3=29.98%

**Total Fractional Values:**

EH A3=3.34

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