

# Bulk

APOTHECARY

## Safety Data Sheet Vanilla Black Currant Fragrance Oil

### SECTION 1: Identification

#### 1.1 Product identifier

Product name Vanilla Black Currant Fragrance Oil

Brand Nature's Oil

#### 1.3 Recommended use of the chemical and restrictions on use

No additional information available.

#### 1.4 Supplier's details

Name Bulk Apothecary  
Address 115 Lena Dr  
Aurora OH 44202  
United States

Telephone 1-888-728-7612  
email sales@bulkapothecary.com

#### 1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Sensitization, respiratory, Cat. 1
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



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### Signal word

### Danger

### Hazard statement(s)

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

### Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands, forearms, and face thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P321	Specific treatment (see supplemental first aid instruction on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use media other than water to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, state, national, and/or international regulations

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

##### 1. D-Limonene

Concentration	25 - 50 % (weight)
EC no.	227-813-5
CAS no.	5989-27-5

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 1
- Hazardous to the aquatic environment - long-term hazard, Cat. 1

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- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

### 2. Orange Sweet Oil

Concentration	25 - 50 % (weight)
CAS no.	8028-48-6

### 3. Lemon oil

Concentration	25 - 50 % (weight)
CAS no.	8008-56-8

- Flammable liquids, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Aspiration hazard, Cat. 1
- Hazardous to the aquatic environment, short-term (acute), Cat. 2

### 4. Oils, grapefruit

Concentration	25 - 50 % (weight)
CAS no.	8016-20-4

### 5. VANILLIN

Concentration	1 - 5 % (weight)
CAS no.	121-33-5

### 6. $\beta$ -Ionone

Concentration	0.1 - 1 % (weight)
EC no.	238-969-9
CAS no.	14901-07-6

- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- Skin corrosion/irritation, Cat. 3

H316	Causes mild skin irritation
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

### 7. Oils, davana

Concentration	0.1 - 1 % (weight)
CAS no.	8016-03-3

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Consult a physician immediately. Show this safety data sheet to the doctor in attendance.
If inhaled	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
In case of skin contact	Immediately remove all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Do not induce vomiting. Call a physician immediately.

#### 4.2 Most important symptoms/effects, acute and delayed

Inhalation	: May cause respiratory irritation
Skin Contact	: May cause irritation
Eye Contact	: May cause eye irritation
Ingestion	: Risk of lung edema. Nausea

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2 Specific hazards arising from the chemical

Flammable liquid and vapor. Upon combustion may produce oxides of carbon, smoke, and fumes. Burning fumes may be acrid.

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting. Wear protective clothing and gear to prevent contact with skin and eyes.

#### Further information

Use water spray to cool unopened containers.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust, fumes, gas, mist, vapors, and/or spray. Emergency responders should not attempt to take action

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without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2 Environmental precautions

Should not be released into the environment.

### 6.3 Methods and materials for containment and cleaning up

Soak up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site

### Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Store locked up in a cool, dry, and well ventilated place. Keep container tightly closed. Store away from direct sunlight and ignition sources.

### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## SECTION 8: Exposure controls/personal protection

### 8.2 Appropriate engineering controls

Ensure Good Ventilation of the work station. Handle material in accordance with good industrial hygiene and safety practices. Avoid release into the environment.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Eye/face protection

Wear chemical goggles or safety glasses.

#### Skin protection

Wear protective gloves.

#### Body protection

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Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

### Respiratory protection

Wear respiratory protection.

### Thermal hazards

No data available

### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid; Yellow to Orange/Amber
Odor	Characteristic; Matching retainer sample
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	52 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	0.85 (0.840 - 0.860)
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

### Other safety information

Refractive index: 1.473 (1.463 - 1.483)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Flammable liquid and vapor

### 10.2 Chemical stability

Stable under recommended use, transport, and storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal use conditions.

### 10.4 Conditions to avoid

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Avoid contact with hot surfaces as well as heat, flames, sparks, and all sources of ignition.

### 10.5 Incompatible materials

No additional information available.

### 10.6 Hazardous decomposition products

On combustion may produce smoke, carbon monoxide, and carbon dioxide.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

VANILLIN (121-33-5)

LD50 oral: 2800 mg/kg

LD50 dermal: > 5010 mg/kg

ATE US (oral): 2800 mg/kg body weight

IONONE BETA, NATURAL (14901-07-6)

LD50 oral: 4590 mg/kg

ATE US (oral) 4590 mg/kg body weight

D-LIMONENE (5989-27-5)

LD50 oral: 4400 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Read-across)

LD50 dermal: > 5000 mg/kg body weight (Weight of evidence; Equivalent or similar to OECD 402)

ATE US (oral): 4400 mg/kg body weight

ORANGE SWEET OIL (8028-48-6)

LD50 oral > 5000 mg/kg body weight (Equivalent or similar to OECD 401; Experimental value)

LD50 dermal: > 5000 mg/kg body weight (Experimental value; Equivalent or similar to OECD 402)

#### Skin corrosion/irritation

Irritating to skin.

#### Serious eye damage/irritation

May cause slight eye irritation

#### Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction

#### Germ cell mutagenicity

Not classified

#### Carcinogenicity

D-LIMONENE

IARC Group: 3 - Not classifiable

#### Reproductive toxicity

Not classified

#### STOT-single exposure

Not classified

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### STOT-repeated exposure

Not classified

### Aspiration hazard

May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### Toxicity

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

#### VANILLIN (121-33-5)

EC50 Daphnia 1: 180 mg/l (EC50; 24 h)

LC50 fish 2: 88 - 121 mg/l (LC50; 96 h; Pimephales promelas)

Threshold limit algae 1: 2 mg/l (EC0; 72 h)

#### IONONE BETA, NATURAL (14901-07-6)

LC50 fish 1: 5.1 mg/l (LC50; 96 h)

#### D-LIMONENE (5989-27-5)

LC50 fish 1: 720 µg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flowthrough system; Fresh water; Experimental value)

EC50 Daphnia 1: 0.36 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

Threshold limit algae 1: 150 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Read-across)

#### ORANGE SWEET OIL (8028-48-6)

LC50 fish 1: 702 µg/l (LC50; Equivalent or similar to OECD 203; 96 h; Pimephales promelas; Flow-through system; Fresh water; Read-across)

EC50 Daphnia 1: 0.67 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

### Persistence and degradability

#### VANILLIN (121-33-5)

Persistence and degradability: Inherently biodegradable.

#### IONONE BETA, NATURAL (14901-07-6)

Persistence and degradability: Readily biodegradable in water.

ThOD: 2.91 g O<sub>2</sub>/g substance

#### D-LIMONENE (5989-27-5)

Persistence and degradability : Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.

ThOD: 3.29 g O<sub>2</sub>/g substance

### Bioaccumulative potential

#### VANILLIN (121-33-5)

Log Pow: 1.21 - 1.37

Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

#### IONONE BETA, NATURAL (14901-07-6)

Log Pow: 4.1



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D-LIMONENE (5989-27-5)

BCF fish 1: 864.8 - 1022 (BCF; Pisces)

Log Pow: 4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C)

Bioaccumulative potential: Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ )

ORANGE SWEET OIL (8028-48-6)

BCF other aquatic organisms 1: 32 - 395 (BCF; BCFWIN)

Log Pow: 2.78 - 4.88 (QSAR; KOWWIN)

### Mobility in soil

D-LIMONENE (5989-27-5)

Log Koc: Koc,SRC PCKOCWIN v2.0; 1120 - 6324; QSAR

## SECTION 13: Disposal considerations

### Disposal of the product

Dispose of contents/container in accordance with licensed collector's sorting instructions as well as local, state, federal and/or international regulations. Flammable vapors may accumulate in the container.

### Disposal of contaminated packaging

Dispose of as unused product, following federal, state, and local regulations.

### Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

### Sewage disposal

Avoid release into sewers or other public water ways.

## SECTION 14: Transport information

### DOT (US)

UN-No.: UN1266

Proper Shipping Name: Perfumery products

Class: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Packing group: III - Minor Danger

Hazard labels: 3 - Flammable liquid

DOT Packaging Non Bulk (49 CFR 17): 203

DOT Packaging Bulk (49 CFR 173.xxx): 242

DOT Special Provisions (49 CFR 172.102): B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 60 L

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DOT Quantity Limitations Cargo aircraft only (49CFR 175.75): 220 L  
DOT Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
Emergency Response Guide (ERG) Number : 127

### IMDG

Transport document description: UN 1266 PERFUMERY PRODUCTS, 3, III  
UN-No.: 1266  
Proper Shipping Name: PERFUMERY PRODUCTS  
Class: 3 - Flammable liquids  
Packing group: III - substances presenting low danger  
Limited quantities: 5 L

### IATA

Transport document description: UN 1266 Perfumery products, 3, III  
UN-No.: 1266  
Proper Shipping Name: Perfumery products  
Class: 3 - Flammable Liquids  
Packing group: III - Minor Danger

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### Toxic Substances Control Act (TSCA) Inventory

All components are listed on the United States Toxic Substances Control Act (TSCA) inventory.

#### Canadian Domestic Substances List (DSL)

All components are listed on the Canadian Domestic Substances List (DSL).

#### California Prop. 65 Components

WARNING! This product contains myrcene, a chemical known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16: Other information

SDS Version: 1.0  
Revision Date: 12/26/2018

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.