



## Safety Data Sheet Banana Nutbread Fragrance Oil

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Banana Nutbread Fragrance Oil
Product number	fragflav-353
Brand	Bulk Apothecary

#### 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)

- Flammable liquids, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1
- Carcinogenicity, Cat. 1B
- Aspiration hazard, Cat. 1

#### 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  
H319 Causes serious eye irritation  
H350 May cause cancer [route]

### Precautionary statement(s)

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
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 ... 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.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...  
P302+P352 IF ON SKIN: Wash with plenty of water/...  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P321 Specific treatment (see ... 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.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use ... to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to ...

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

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### 1. BENZYL BENZOATE

Concentration 10 - 25 % (weight)  
EC no. 204-402-9  
CAS no. 120-51-4  
Index no. 607-085-00-9

- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

H302 Harmful if swallowed  
H411 Toxic to aquatic life with long lasting effects

### 2. Orange terpenes

Concentration 10 - 25 % (weight)  
EC no. 232-433-8  
CAS no. 68647-72-3

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 2
- Hazardous to the aquatic environment - long-term hazard, Cat. 2
- 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  
H411 Toxic to aquatic life with long lasting effects

### 3. Isopentyl alcohol

Concentration 5 - 10 % (weight)  
CAS no. 123-51-3

### 4. ETHYL VANILLIN

Concentration 5 - 10 % (weight)  
CAS no. 121-32-4

### 5. Benzyl alcohol

Concentration 1 - 5 % (weight)  
EC no. 202-859-9  
CAS no. 100-51-6  
Index no. 603-057-00-5

- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4

H302 Harmful if swallowed

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H332 Harmful if inhaled

### 6. CINNAMALDEHYDE

Concentration 1 - 5 % (weight)  
EC no. 203-213-9  
CAS no. 104-55-2

### 7. Ethyl maltol

Concentration 1 - 5 % (weight)  
EC no. 225-582-5  
CAS no. 4940-11-8

- Acute toxicity, oral, Cat. 4

H302 Harmful if swallowed

### 8. Linalool

Concentration 1 - 5 % (weight)  
EC no. 201-134-4  
CAS no. 78-70-6

- Eye damage/irritation, Cat. 2A  
- Flammable liquids, Cat. 4  
- Skin corrosion/irritation, Cat. 2  
- Hazardous to the aquatic environment - acute hazard, Cat. 3

H227 Combustible liquid  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H402 Harmful to aquatic life

### 9. Eugenol

Concentration 0.1 - 1 % (weight)  
EC no. 202-589-1  
CAS no. 97-53-0

- Eye damage/irritation, Cat. 2A  
- Hazardous to the aquatic environment - acute hazard, Cat. 2  
- Sensitization, skin, Cat. 1

H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H401 Toxic to aquatic life

### 10. Citrus extract

Concentration 0.1 - 1 % (weight)  
CAS no. 8028-48-6

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### 11. Cinnamon oil

Concentration 0.1 - 1 % (weight)  
CAS no. 8015-91-6

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 4
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity, single exposure, Cat. 3

H227 Combustible liquid  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness

### 12. Cinnamic alcohol

Concentration 0.1 - 1 % (weight)  
EC no. 203-212-3  
CAS no. 104-54-1

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Call a physician immediately.
If inhaled	Remove person to fresh air and keep comfortable for breathing.
In case of skin contact	Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If swallowed	Do not induce vomiting. Call a physician immediately.

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

Irritation. May cause an allergic skin reaction.

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

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### 5.1 Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2 Specific hazards arising from the chemical

Flammable liquid and vapour.

### 5.3 Special protective actions for fire-fighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

### 6.2 Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

## 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

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

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Orange oil (CAS: 8028-48-6)

TLV® (Inhalation): 30 ppm (ACGIH)

#### 2. Isomyl alcohol (primary and secondary) (CAS: 123-51-3)

PEL (Inhalation): 100 ppm (OSHA)

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OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 360 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 100 ppm, (ST) 125 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 100 ppm, (ST) 125 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 3. Benzyl alcohol (CAS: 100-51-6 EC: 202-859-9)

WEEL-TWA (Inhalation): 10 ppm (ACGIH)

USA. Workplace Environmental Exposure Levels (WEEL)

## 8.2 Appropriate engineering controls

Ensure good ventilation of the work station.

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

### Pictograms



### Eye/face protection

Safety glasses

### Skin protection

Protective gloves

### Body protection

Wear suitable protective clothing

### Respiratory protection

Wear respiratory protection.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Pale Yellow/Yellow Liquid
Odor	Sweet, Banana
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	52 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	

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Relative density 0.949 (0.939 - 0.959)  
Solubility(ies)  
Partition coefficient: n-octanol/water  
Auto-ignition temperature  
Decomposition temperature  
Viscosity  
Explosive properties  
Oxidizing properties

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Flammable liquid and vapour.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5 Incompatible materials

Strong oxidizing agents

#### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Not classified

##### Skin corrosion/irritation

Causes skin irritation.

##### Serious eye damage/irritation

Causes serious eye irritation.

##### Respiratory or skin sensitization

May cause an allergic skin reaction.

##### Carcinogenicity

May cause cancer.

##### Aspiration hazard

May be fatal if swallowed and enters airways.



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### SECTION 12: Ecological information

#### Toxicity

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

### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

#### DOT (US)

Not regulated

#### IMDG

Transport document description (IMDG) : UN 1266 PERFUMERY PRODUCTS, 3, III

UN-No. (IMDG) : 1266

Proper Shipping Name (IMDG) : PERFUMERY PRODUCTS

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

Limited quantities (IMDG) : 5 L

#### IATA

Transport document description (IMDG) : UN 1266 PERFUMERY PRODUCTS, 3, III

UN-No. (IMDG) : 1266

Proper Shipping Name (IMDG) : PERFUMERY PRODUCTS

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

Limited quantities (IMDG) : 5 L

### SECTION 15: Regulatory information

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

##### California Prop. 65 Components

Orange terpenes -No

##### Pennsylvania Right To Know Components

Orange terpenes -Yes

##### New Jersey Right To Know Components

Orange terpenes -Yes

##### Massachusetts Right To Know Components

Orange terpenes -No

##### New Jersey Right To Know Components

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## Banana Nutbread Fragrance Oil

Common name: ISOAMYL ALCOHOL  
CAS number: 123-51-3

### **Pennsylvania Right To Know Components**

Chemical name: 1-Butanol, 3-methyl-  
CAS number: 123-51-3

### **Pennsylvania Right To Know Components**

Benzyl alcohol  
CAS number: 100-51-6

### **Massachusetts Right To Know Components**

Benzyl alcohol  
CAS number: 100-51-6

### **New Jersey Right To Know Components**

Benzyl alcohol  
CAS number: 100-51-6

### **SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **Pennsylvania Right To Know Components**

2-Ethyl-3-hydroxy-4-pyrone  
CAS-No. 4940-11-8

### **New Jersey Right To Know Components**

2-Ethyl-3-hydroxy-4-pyrone  
CAS-No. 4940-11-8

### **SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard

### **Pennsylvania Right To Know Components**

Linalool

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CAS-No. 78-70-6

### New Jersey Right To Know Components

Linalool

CAS-No. 78-70-6

### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right To Know Components

4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde

CAS-No. 31906-04-4

### New Jersey Right To Know Components

4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde

CAS-No. 31906-04-4

### New Jersey Right To Know Components

CINNAMON BARK OIL

CAS-No. 8015-91-6

### Pennsylvania Right To Know Components

CINNAMON BARK OIL

CAS-No. 8015-91-6

## 15.2 Chemical Safety Assessment

Please see section 2.

## SECTION 16: Other information

### 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.