



## Safety Data Sheet Butterscotch Cookie Dough Fragrance Oil

### SECTION 1: Identification

#### 1.1 Product identifier

Product name Butterscotch Cookie Dough 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)**

Not a hazardous substance or mixture.

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

Not a hazardous substance or mixture.

#### 2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

### SECTION 3: Composition/information on ingredients

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### 3.2 Mixtures

#### Components

##### 1. 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

##### 2. VANILLIN

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

- Eye Irrit. 2, H319

##### 3. $\beta$ -Ionone

Concentration 1 - 5 % (weight)  
EC no. 238-969-9  
CAS no. 14901-07-6

- Resp. Sens. 1, H334  
Skin Sens. 1, H317

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice Never give anything by mouth to an unconscious person. If exposed, concerned, or you feel unwell, seek medical advice. Show the label or 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 Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

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 Call a poison center or doctor if you feel unwell.

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

Inhalation: May cause respiratory irritation and breathing difficulties

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Skin Contact: May cause allergic skin reaction

Eye Contact: May cause light eye irritation

Ingestion: May be harmful

#### 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

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/fume/gas/mist/vapors/spray.

Emergency responders: Do not attempt to take action 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. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust, fumes, gas, mist, vapors, and/or 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

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Store 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

### 8.1 Control parameters

#### 1. Ethyl maltol (CAS: 4940-11-8)

Not applicable

#### 2. $\beta$ -Ionone (CAS: 14901-07-6)

Not applicable

#### 3. VANILLIN (CAS: 121-33-5)

Not applicable

### 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

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

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Appearance/form (physical state, color, etc.)	Liquid; Pale yellow to Yellow
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	110 °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	0.95 (0.940 - 0.960)
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: 1.451 (1.441 - 1.461)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None under normal use conditions.

### 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

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

ETHYL MALTOL (4940-11-8)

LD50 oral 1150 mg/kg (Oral)

LD50 dermal > 5000 mg/kg (Dermal)

ATE US (oral) 1150 mg/kg body weight

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BETA IONONE (14901-07-6)  
LD50 oral 4590 mg/kg (Oral)  
ATE US (oral) 4590 mg/kg body weight

VANILLIN (121-33-5)  
LD50 oral 3300 mg/kg body weight (Equivalent or similar to OECD 401, Experimental value, Oral, 14 day(s))  
LD50 dermal > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Experimental value, Dermal, 14 day(s))  
ATE US (oral) 3300 mg/kg body weight

**Skin corrosion/irritation**  
Not classified

**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**  
Not classified

**Reproductive toxicity**  
Not classified

**STOT-single exposure**  
Not classified

**STOT-repeated exposure**  
Not classified

**Aspiration hazard**  
May be harmful 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.

BETA IONONE (14901-07-6)  
LC50 fish 1 5.1 mg/l (96 h, Pimephales promelas)

VANILLIN (121-33-5)  
LC50 fish 1 57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)  
EC50 Daphnia 1 36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)  
ErC50 (algae) 120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

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### Persistence and degradability

ETHYL MALTOL (4940-11-8)

Persistence and degradability Biodegradability in water: no data available.

BETA IONONE (14901-07-6)

Persistence and degradability Readily biodegradable in water.

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

VANILLIN (121-33-5)

Persistence and degradability Readily biodegradable in water.

### Bioaccumulative potential

ETHYL MALTOL (4940-11-8)

Bioaccumulative potential No bioaccumulation data available.

BETA IONONE (14901-07-6)

Log Pow 4.1

VANILLIN (121-33-5)

Log Pow 1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)

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

### Mobility in soil

VANILLIN (121-33-5)

Log Koc 3.438 (log Koc, Experimental value)

Ecology - soil Low potential for mobility in soil.

## 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.

### 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)

Not regulated

### IMDG

Not applicable

### IATA

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Not applicable

### 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**

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

### SECTION 16: Other information

SDS Version: 1.0

Revision Date: 01/16/2019

#### 16.1 Further information/disclaimer

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