

#### SECTION 1: Identification

##### 1.1. Identification

Product form : Mixture  
Trade name : Multi-Vitamin Infusion Oil  
Product code : 1082-01

##### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cosmetics

##### 1.3. Supplier

Murad, LLC  
2121 Park Place, 1st Floor  
El Segundo, CA 90245  
T (310) 726-0600  
[www.murad.com](http://www.murad.com)

##### 1.4. Emergency telephone number

Emergency number : (310) 726-0600

#### SECTION 2: Hazard(s) identification

##### 2.1. Classification of the substance or mixture

###### GHS US classification

Not classified

##### 2.2. GHS Label elements, including precautionary statements

###### GHS US labeling

No labeling applicable

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

No additional information available

##### 2.4. Unknown acute toxicity (GHS US)

Not applicable

#### SECTION 3: Composition/Information on ingredients

##### 3.1. Substances

Not applicable

##### 3.2. Mixtures

Name	Product identifier	Conc.	GHS US classification
Cocos Nucifera (Coconut) Oil	CAS-No.: 8001-31-8	<15	Self-heat. 2, H252
Salicylic Acid	CAS-No.: 69-72-7	<1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:dust,mist), H331 Eye Dam. 1, H318
Hexylresorcinol	CAS-No.: 136-77-6	<1	Acute Tox. 4 (Oral), H302 Repr. 1B, H360

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Name	Product identifier	Conc.	GHS US classification
Linoleic Acid	CAS-No.: 60-33-3	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Rosmarinus Officinalis (Rosemary) Leaf Extract	CAS-No.: 84604-14-8	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Limonene	CAS-No.: 5989-27-5	<0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Linalool	CAS-No.: 78-70-6	<0.1	Flam. Liq. 4, H227 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 3, H402
BHT	CAS-No.: 128-37-0	<0.1	Comb. Dust
Citral	CAS-No.: 5392-40-5	<0.01	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If affected person feels unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If affected person is experiencing breathing difficulty, allow affected person to breathe fresh air. Allow affected person to rest.
First-aid measures after skin contact	: If adverse skin reaction occurs, remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : Not flammable.  
Explosion hazard : Product is not explosive.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep container closed to avoid product contamination.

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

Storage conditions : Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Limonene (5989-27-5)

##### USA - AIHA - Occupational Exposure Limits

WEEL TWA [ppm]	30 ppm
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### BHT (128-37-0)

#### USA - ACGIH - Occupational Exposure Limits

Local name	Butylated hydroxytoluene
ACGIH OEL TWA	2 mg/m <sup>3</sup>
Remark (ACGIH)	URT irr
ACGIH chemical category	Not Classifiable as a Human Carcinogen

#### USA - NIOSH - Occupational Exposure Limits

NIOSH REL (TWA)	10 mg/m <sup>3</sup>
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### Citral (5392-40-5)

#### USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer

## 8.2. Appropriate engineering controls

Environmental exposure controls : Avoid release to the environment.

## 8.3. Individual protection measures/Personal protective equipment

### Personal protective equipment:

None needed.

### Hand protection:

None needed

### Eye protection:

None needed

### Skin and body protection:

None needed

### Respiratory protection:

None needed

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, oily liquid
Color	: Pale yellow
Odor	: Characteristic
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.94 – 0.98 g/cm <sup>3</sup>
Solubility	: No data available

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Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None.

### 10.2. Chemical stability

Product is stable.

### 10.3. Possibility of hazardous reactions

Stable.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Smokes. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Cocos Nucifera (Coconut) Oil (8001-31-8) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	> 5000 mg/kg
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#### Salicylic Acid (69-72-7) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	891 mg/kg
LD50 dermal rat	> 2 g/kg
LC50 Inhalation - Rat	> 900 mg/m <sup>3</sup> (Exposure time: 1 h)
ATE US (oral)	891 mg/kg body weight
ATE US (dust, mist)	0.5 mg/l/4h

#### Hexylresorcinol (136-77-6) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	550 mg/kg
ATE US (oral)	550 mg/kg body weight

#### Limonene (5989-27-5) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	4400 mg/kg body weight

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### Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	2790 mg/kg
LD50 dermal rabbit	2000 mg/kg
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight

### BHT (128-37-0) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 mg/kg

### Citral (5392-40-5) (Historical information; not tested on animals for cosmetics)

LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg
ATE US (oral)	4960 mg/kg body weight
ATE US (dermal)	2250 mg/kg body weight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Salicylic Acid (69-72-7) (Historical information; not tested on animals for cosmetics)

EC50 - Crustacea [1]	870 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
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#### Limonene (5989-27-5) (Historical information; not tested on animals for cosmetics)

LC50 - Fish [2]	> 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
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#### Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)

LC50 - Fish [1]	27.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	20 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### Citral (5392-40-5) (Historical information; not tested on animals for cosmetics)

EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
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### 12.2. Persistence and degradability

Not established.

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### 12.3. Bioaccumulative potential

#### Salicylic Acid (69-72-7) (Historical information; not tested on animals for cosmetics)

BCF - Fish [1]	≥ 1000
Partition coefficient n-octanol/water (Log Pow)	0 – 2.26 (at 37 °C)

#### Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)

Partition coefficient n-octanol/water (Log Pow)	2.84 – 3.1 (at 25 °C)
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#### BHT (128-37-0) (Historical information; not tested on animals for cosmetics)

BCF - Fish [1]	230 – 2500
Partition coefficient n-octanol/water (Log Pow)	4.17

#### Citral (5392-40-5) (Historical information; not tested on animals for cosmetics)

Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

#### Department of Transportation (DOT)

Not regulated as hazmat for transport

#### Transportation of Dangerous Goods

Not regulated as hazmat for transport

#### Transport by sea

Not regulated as hazmat for transport

#### Air transport

Not regulated as hazmat for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product is not subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### Canada-Regulations

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

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### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
BHT (128-37-0)	U.S. - New Jersey - Right to Know Hazardous Substance List

### SECTION 16: Other information

Data sources : DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

#### Full text of H-phrases listed in Section 3

H226	Flammable liquid and vapor
H227	Combustible liquid
H252	Self-heating in large quantities; may catch fire
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H360	May damage fertility or the unborn child
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

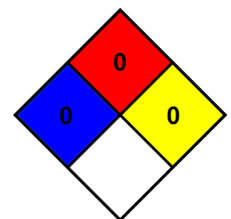
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.

#### Hazard Rating

Health : 0 Minimal Hazard - No significant risk to health

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.



Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.