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**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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**PRODUCT NAME (IDENTITY):** Pure Cinnamon Oil (ECO)

**CAS#**

**FEMA Numbers:**

**Synonyms:** Cinnamon Oil, Oil of Cinnamon

**Pure Substance/mixture:** Natural Complex Substance

**Contact Information:**

**SUPPLIER:** OliveNation LLC  
**ADDRESS:** 13 Robbie Road, Ste. A4, Avon, MA 02322  
**PHONE:** 617-580-3667  
**Online:** [www.OliveNation.com](http://www.OliveNation.com)  
**E-mail address:** [support@olivenation.com](mailto:support@olivenation.com)

**CHEMTEL PHONE:** 1-888-255-3924

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended use: No information available

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**SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

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Acute oral toxicity: Category 4

Acute Dermal Toxicity: Category 5

Skin Corrosion/irritation: Category 2

Serious eye damage/eye irritation: Category 2A

Skin sensitization: Category 1

Acute aquatic toxicity: Category 3

Chronic aquatic toxicity: Category 3

Flammable Liquids: Category 4

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

For the full text of the R-phrases mentioned in this section see Section 16

**Symbol(s)**

Xi-Irritant

**R-code(s)**

Xi;R38-R43-R52-53

**2.2 Label elements**



**Signal Word**

Warning

H227-Combustible liquid

**Precautionary Statements**

P281- Use personal protective equipment as required

P308 + P311- IF exposed or concerned: Get medical advice/attention

P403 + P235 – Store in a well-ventilated place. Keep cool

P370 + P378 – In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

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

P280-Wear protective gloves/ eye protection/ face protection

## SECTION 3: Composition and Information on Ingredients

Chemical Name	EC-No	CAS-No	Alternative CAS#	Weight %	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to regulation (EC) No. 1272/2008 (CLP)	REACH Registration Number
Eugenol	202-589-1	97-53-0		5-10%	XI; R36,XI;R43	Aquatic Acute 2 (H401) Skin Sens. 1 (H317) Eye Irrit. 1 (H319) Skin Irrit. 3 (H316) Acute Tox. 5 (H303)	No data available
Linalool	201-134-4	78-70-6		5-10%	XI; R38	Aquatic Acute 3 (H402) Skin Irrit. 2 (H316) Acute Tox. 5(H303) Flam. Liq. 4 (H227)	No data available
Benzyl Benzoate	204-402-9	120-51-4		1-5%	XN: R22, N R51/53	Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411) Acute Tox. 4 (H302)	No data available
Cinnamic Aldehyde	305-271-1	94386-48-8		50-90%	XI; R38, XI; R43	Skin Sens. 1 (H317) Eye Irrit. 1 (H319) Skin Irrit. 2 (H316) Acute Tox. 5 (H303)	No data available
Limonene	227-813-5	5989-27-5		1-5%	R10, XI;R38,XI;R43, N; R50/53;	Aquatic Acute 1 (H400) Skin Sensitivity 1 (H317) Skin Irrit. 2 (H316) Asp. Tox. 1 (H304) Aquatic chronic 1 (H410) Flam Liq. 3 (H226)	No data available

## SECTION 4: First Aid Measures

**General Advice:** If symptoms persist, call a physician

**Eye contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If symptoms persist, call a physician immediately.

**Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before reuse. Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing contaminated clothes and shoes.

**Ingestion:** Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth, Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

**Inhalation:** Remove to a fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

## SECTION 5: Fire-Fighting Measure

### 5.1. Extinguishing media

**Suitable Extinguishing media:** Use dry chemical CO2, water spray, alcohol resistant foam.

**Extinguishing media which shall not be used for safety reasons:** No information available.

### 5.2. Special hazards arising from the substance or mixture

**Special hazard:** None

### 5.3. Advice for fire fighters

#### Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear

## SECTION 6: Accidental Release Measures

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

Use personal protective equipment. Avoid contact with eyes and skin. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flash back. Take precautionary measures against static discharges.

See section 12 for Ecological Information

### 6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Ensure adequate ventilation. Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors/spray mist. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

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

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

## 7.3. Specific end users

Exposure scenario N/A

Other guidelines: N/A

## SECTION 8: Exposure Controls/ Personal Protection

### 8.1. Control parameters

**Exposure limits:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No Information available

### 8.2. Exposure controls

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas

#### Personal protective equipment

**Eye Protection:** Tightly fitting safety goggles

**Hand Protection:** Protective gloves

**Skin and body protection:** Long sleeved clothing Apron Impervious gloves

**Respiratory protection:** When workers are facing concentration above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations:** When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

**Environmental Exposure controls:** Do not allow material to contaminate ground water system.

## SECTION 9: Physical and Chemical Properties

Physical State	Liquid
Appearance:	Liquid
Color:	Yellowish
Aroma:	Cinnamon
<b>Property</b>	
pH:	No information available
Boiling Point/Range	FCC method
Melting Point	No information applicable
Flash point	71 deg. C / 160 deg F closed cup
Evaporation rate:	FCC method
Vapor Pressure	No information available
Relative density	No information available
Specific Gravity @25C	0.985 – 1.09 FCC method
Refractive Index	1.61 – 1.62 FCC method
Water solubility	No information available
Auto ignition temperature	No information available
Decomposition temperature	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing Properties	No information available

## SECTION 10 Stability and Reactivity

### 10.1. Reactivity

**10.2 Chemical stability:** Stable under normal conditions

### 10.3 Possibility of hazardous reactions

**10.4 Conditions to avoid:** Heat, flames, sparks

**10.5 Incompatible materials:** No materials to be especially mentioned

**10.6. Hazardous decomposition products:** None under normal use conditions

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## 11. Toxicology Information

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### 11.1. Information on toxicological effects

#### Acute toxicity

**Product information:** Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation:** There is no data available for this product.

**Eye contact:** There is no data available for this product.

**Skin contact:** There is no data available for this product

**Ingestion:** There is no data available for this product.

**Acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS documents (rev. 1,2005)**

**Oral: 1,581.17 mg/kg**

**Dermal: 4,348 mg/kg**

**Gas: 99,999.00**

**Mist: 99,999.00**

**Vapor: 99,999.00**

**Skin corrosion/irritation:** No information available

**Eye damage/irritation:** No information available

**Sensitization:** No information available

**Germ cell Mutagenicity:** No information available

**Carcinogenicity:** No information available

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## SECTION 12: Ecological Information

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**Ecotoxicity:** Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

**Bioaccumulative potential:** No information available

**Mobility in soil:** No information available

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## SECTION 13 DISPOSAL CONSIDERATIONS

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### 13.1. Waste treatment methods

**Waste from residues/unused products:** Dispose of in accordance with local regulations.

**Contaminated packaging:** Empty containers should be taken to an approved waste handling site for re-cycling or disposal.

**Other information:** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific Waste codes should be assigned by the user based on the application for which the product was used.

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## SECTION 14 Transport Information

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**DOT Classification:** Not regulated

**IMDG/IMO:** Not regulated

**ICAO/IATA:** Not regulated

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## Section 15 Regulatory Information

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### 15.1. Safety, Health and environmental regulations/legislation specific for the substance or mixture

#### WGK Classification

#### International Inventories

All of the components in the product are on the following Inventory lists: No information available, Canada, Europe, United States, Korea, Australia, China, Japan, Phillipines.

TSCA:-

EINECS/ELINCS: Complies

DSL/NDSL: -

PICCS: -

ENCS:-

IECSC:-

AICS: -

KECL:-

### 15.2 Chemical Safety Assessment

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## Section 16 Other Information

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Risk Combination phrases



**R51/53-Toxic to aquatic organisms. May cause long term adverse effects in aquatic environment.**

**R50/53-Very toxic to aquatic organisms, may cause long term adverse effects in aquatic environment**

**R52/53-Harmful to aquatic organisms. May cause long term effects in aquatic environment.**

**Full text of H-statements referred to under sections 2 and 3**

H401-Toxic to aquatic life H411-Toxic to aquatic life with long lasting effects H302-Harmful if swallowed H400-Very toxic to aquatic life H317 May cause an allergic skin reaction H316-Causes mild skin irritation H304-May be fatal if swallowed and enters airways H410 Very toxic to aquatic life with long lasting effects H226-Flammable liquid and vapor H402 Harmful to aquatic life H303-May be harmful if swallowed H227-Combustible liquid H319-Causes serious eye irritation

*Warning/Disclaimer: The ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-cigarettes").*

*In supplying this ingredient, OliveNation instructs and by receiving this ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-cigarettes or any component thereof.*

*The information in this SDS is believed to be accurate and represents the best information currently available to us. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. We make no warranty of merchantability or any other warranty expressed or implied, with respect to such information, we assume no liability resulting from its use. Users should make their own investigation to determine suitability of the information for their particular purposes. In no event shall OliveNation 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, howsoever arising, even if OliveNation has been advised of the possibility of such damages.*