

## SECTION 1: Identification

### 1.1. Identification

Product form : Substance  
Substance name : Cinnamon Leaf Oil

### 1.2. Recommended use and restrictions on use

Recommended use : Ingredient used in Flavors and Fragrances.

### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
[www.camdengrey.com](http://www.camdengrey.com)

### 1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

Serious eye damage/eye irritation, Category 2	Causes serious eye irritation
Sensitization — Skin, category 1	May cause an allergic skin reaction
Germ cell mutagenicity, Category 2	Suspected of causing genetic defects
Carcinogenicity, Category 1A	May cause cancer
Hazardous to the aquatic environment — Chronic Hazard, Category 3	Harmful to aquatic life with long lasting effects

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

#### GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : May cause an allergic skin reaction  
Causes serious eye irritation  
Suspected of causing genetic defects  
May cause cancer  
Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US) : Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Avoid breathing dust/fume/gas/mist/vapours/spray  
Wash ... thoroughly after handling  
Contaminated work clothing must not be allowed out of the workplace  
Avoid release to the environment  
Wear protective gloves/protective clothing/eye protection/face protection  
If on skin: Wash with plenty of water/...  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If exposed or concerned: Get medical advice/attention  
Specific treatment (see ... on this label)  
If skin irritation or rash occurs: Get medical advice/attention  
If eye irritation persists: Get medical advice/attention  
Wash contaminated clothing before reuse  
Store locked up  
Dispose of contents/container to ...

# Cinnamon leaf essential oil

## Safety Data Sheet

### 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. Substance

Name : Cinnamon Leaf Oil

Name	Product identifier	%	GHS-US classification
EUGENOL	(CAS No) 97-53-0	50 - 100	Eye Irrit. 2A, H319 Skin Sens. 1B, H317
BENZOATE DE BENZYLE	(CAS No) 120-51-4	2.5 - 10	Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411
LINALOOL	(CAS No) 78-70-6	2.5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

Full text of classification categories and H statements : see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures general : As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.
- First-aid measures after eye contact : Wash thoroughly with soft, clean water for 15 minutes holding eye lids open. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do not give patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with lukewarm water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. If swallowed, seek medical advice immediately and show this container or label.

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

- Symptoms/injuries after inhalation : Exposure to vapours from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
- Symptoms/injuries after skin contact : Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. Splashes in the eyes may cause irritation and reversible local damage.

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

No additional information available

## SECTION 5: Fire-fighting measures

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

- Suitable extinguishing media : ABC-powder. BC-powder. Carbon dioxide. Foam. Water spray.
- Unsuitable extinguishing media : Water Jet.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe smoke.
- Reactivity : In the event of a fire, carbon monoxide can be formed. In the event of a fire, carbon dioxide may be formed.

# Cinnamon leaf essential oil

## Safety Data Sheet

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

No additional information available

## SECTION 6: Accidental release measures

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

General measures : Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

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

Methods for cleaning up : Clean preferably with a detergent - Avoid the use of solvents.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Prevent access by unauthorized personnel. Ensure adequate ventilation. Ensure good ventilation of the work station. Never open the packages under pressure. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Always keep in packaging made of an identical material to the original. Keep away from food and drink, including for animals. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>EUGENOL (97-53-0)</b>
Not applicable
<b>BENZOATE DE BENZYLE (120-51-4)</b>
Not applicable
<b>LINALOOL (78-70-6)</b>
Not applicable

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Gloves. Protective clothing. Protective goggles.



# Cinnamon leaf essential oil

## Safety Data Sheet

### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Yellow brown to dark brown
Odour	: aromatic Spicy
Odour 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	: 88 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.03 - 1.053
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

In the event of a fire, carbon monoxide can be formed. In the event of a fire, carbon dioxide may be formed.

#### 10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### BENZOATE DE BENZYLE (120-51-4)

ATE US (oral)	500.000 mg/kg bodyweight
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# Cinnamon leaf essential oil

## Safety Data Sheet

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation
Respiratory or skin sensitization	: May cause an allergic skin reaction
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Exposure to vapours from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
Symptoms/injuries after skin contact	: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. Splashes in the eyes may cause irritation and reversible local damage.
Other information	: Possibly human carcinogenic.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects. Do not allow into drains or water courses.

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPmix comment : No known effects from this product.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Do not contaminate ground and surface water. Do not allow into drains or water courses. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Product/Packaging disposal recommendations : Empty container completely. Keep label on container. Give to a certified disposal contractor.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated

### TDG

Not regulated

### Transport by sea

Not regulated

# Cinnamon leaf essential oil

## Safety Data Sheet

### Air transport

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### LINALOOL (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Full text of H-statements:

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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